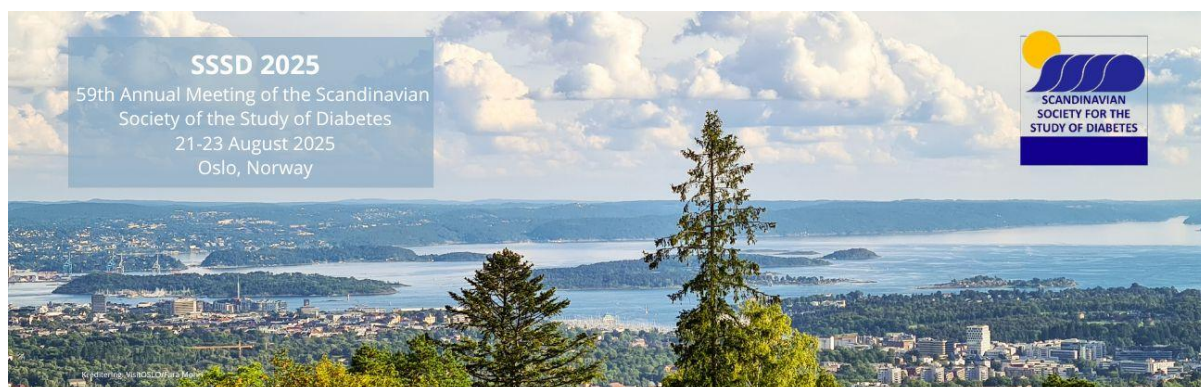


SCANDINAVIAN SOCIETY FOR THE STUDY OF DIABETES ANNUAL MEETING 2025



**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 Medicine 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	Bjørn Olav Åsvold Chair of SSSD, HUNT Research Centre, Norwegian University of Science and Technology Kåre I. Birkeland Chair of local organizing committee, Department of Transplantation Medicine 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: IL-35 in focus: A New Frontier in Type 1 Diabetes Therapy</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	

Chairs: Riitta Veijola, Department of Pediatrics, University of Oulu and Oulu University Hospital, Finland and **Elisabeth Qvigstad** Department of Endocrinology, Morbid Obesity and Preventive Medicine, University of Oslo and Oslo University Hospital, Oslo, Norway

Norepinephrine reduces T cell motility in pancreatic islets during late stage islet infiltration during type 1 diabetes

Gustaf Christoffersson
Department of Medical Cell Biology, Uppsala University, Uppsala, Sweden

The inflammatory path toward type 1 diabetes begins during pregnancy

Johnny Ludvigsson
Crown Princess Victoria's Children's Hospital, Region Östergötland and Department of Biomedical and Clinical Sciences, Linköping University, Linköping, Sweden

Associations between retinal microvasculature and cognition among middle-aged adults with type 1 diabetes

Iiris Kyläheiko
Department of Psychology, University of Helsinki and Department of Neurology, Kymenlaakso Central Hospital, Helsinki, Finland

High prevalence of autoimmune comorbidities in Norwegian adults with type 1 diabetes: Similar HbA1c and vascular complication rates compared to type 1 diabetes only

Kristine Vaage Hatlen
Division of Medicine and Laboratory Sciences, Akershus University Hospital and University of Oslo, Oslo, Norway

Multi-ancestral, trans-generational genome-wide association meta-analysis of gestational diabetes mellitus and glycaemic traits during pregnancy

Gunn-Helen Moen
Institute for Molecular Bioscience and Frazer Institute, The University of Queensland, Australia and Institute of Clinical 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	
	Chairs: Ragnar Bjarnason , Landspítali/University of Iceland, Reykjavik, Iceland and Sindre Lee Ødegård , Department of Endocrinology, Morbid Obesity and Preventive Medicine, University of Oslo and Oslo University Hospital, Oslo, Norway	
	<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
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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
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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
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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
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09:45–10:00	<i>Health-related epigenetic age acceleration in migrant South Asians living in European countries</i>	Sindre Lee-Ødegård Department of Endocrinology, Morbid obesity and Preventive Medicine Oslo University Hospital, and University of Oslo, Oslo, Norway
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10:00–10:30	Coffee and visit to exhibition
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10:30–11:30	Abstract Presentations (Session II) Innovative Management and Treatment Strategies
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Chairs: **Helga Sigurjónsdóttir** Landspítali University Hospital, Reykjavik, Iceland and **Hanne Løvdaal Gulseth**, Division for Public Health and Prevention, Norwegian Institute of Public Health, Oslo, Norway

<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	
	Chairs: Lena Thorn, University of Helsinki, Helsinki, Finland and Kåre I. Birkeland, Institute of Clinical Medicine, University of Oslo, Oslo, Norway	

<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>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>Comparing the long-term effects of bariatric surgery and very low energy diet in individuals with type 2 diabetes and obesity</i>	Guðrún Höskuldsdóttir Department of Internal Medicine and Clinical Nutrition, Institute of Medicine, Sahlgrenska Academy, University of Gothenburg, Sweden
<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: Closed loop and the road ahead	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: Understanding the etiology and pathogenesis of Type 1 Diabetes	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**

Chair: Bjørn Olav Åsvold, HUNT Research Centre, Norwegian University of Science and Technology

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

Chairs: : Ragnar Bjarnason, Landspítali/University of Iceland, Reykjavik, Iceland and **Hanne Løvdal Gulseth** Division for Public Health and Prevention, Norwegian Institute of Public Health, Oslo, Norway

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 Gørudalen 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	
	Chairs: Lena Thorn University of Helsinki, Helsinki, Finland and Lars Krogvold , Department of Pediatrics, Oslo University Hospital, Oslo, Norway,	
	<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 Åhrén , 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	The SSSD Outstanding Presentation Award: Chair of SSSD Bjørn Olav Åsvold , HUNT Research Centre, Norwegian University of Science and Technology	
	Closing remarks: Chair of local organizing committee Kåre I. Birkeland Department of Transplantation Medicine, University of Oslo and Oslo University Hospital	
12:35	Departure lunch	