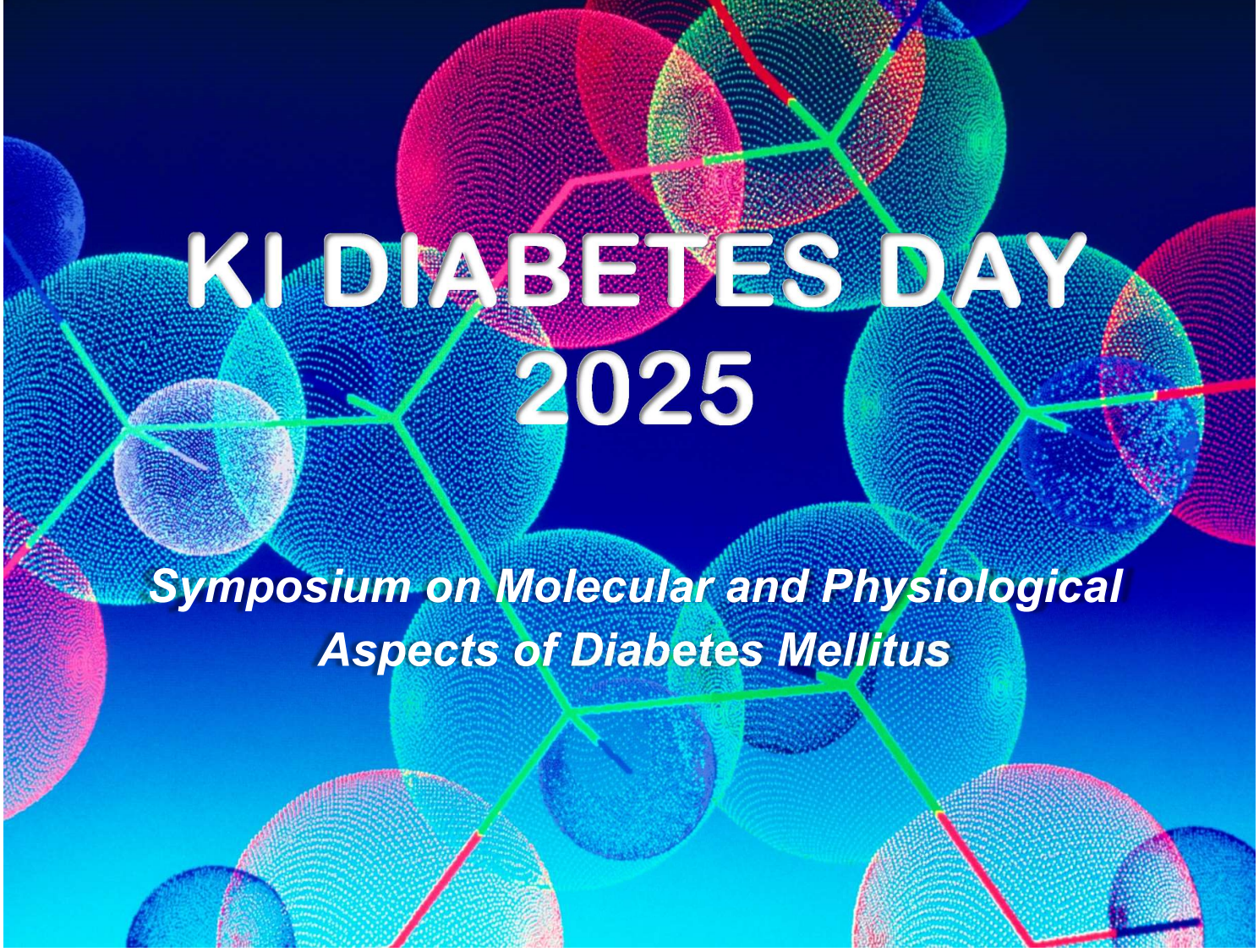

November 14, 2025 | Karolinska Institutet

PROGRAMME

world diabetes day

SRP DIABETES

Karolinska Institutet

Organiser:

Strategic Research Programme in Diabetes at Karolinska Institutet (SRP Diabetes).

https://ki.se/en/srp-diabetes

SRP Diabetes is an integrated research environment in the diabetes and metabolism area with some 400 affiliated researchers at both Karolinska Institutet and Umeå University. Results are translated between basic and clinical science with the aim to improve both prevention, care and treatment of people with diabetes.

Specifically, SRP Diabetes activities aim to:

- Develop and support technical platforms important for researchers at KI and UmU. These platforms include a Metabolic Phenotyping Centre for Diabetic Animal Models, a Centre for Clinical Metabolic Research in Diabetes, Beta Cell in-vivo Imaging/ Extracellular Flux Analysis (Seahorse) and Spatial Transcriptomics.
- Support for critical instrumentation to group leaders
- Support the next generation of scientist: postdoctoral fellowship program
- Increase interactions between the research teams of the programme by supporting collaborative projects and arranging common symposia, meetings and seminars
- Support undergraduate and graduate education within the research areas connected to the programme
- Increase translational research by supporting collaborative projects between experimental and clinical researchers
- Facilitate international contacts
- Support interactions with the biotech and pharmaceutical industry
- Support innovation and commercial utilization by liasing with Karolinska Institutet Innovations
- Increase public awarness and inform about current diabetes related research

The programme coordinates laboratories possessing substantial expertise and unique technical resources, thus affording a natural point of contact for collaboration within the diabetes area, both for researchers within Karolinska Institutet and Umeå University as well as with external researchers.

SRP Diabetes Management:

Director: Anna Krook (Karolinska Institutet)

Vice-Director: Mikael Rydén (Karolinska Institutet)

Helena Edlund (Umeå University)

Malin Flodström Tullberg (Karolinska Institutet)

Carolina Hagberg (Karolinska Institutet)

Thomas Nyström (Karolinska Institutet)

Harriet Wallberg (Karolinska Institutet)

Venue: Eva and Georg Klein Hall, Biomedicum, Karolinska Institutet, Solna

Web: https://ki.se/en/srp-diabetes/diabetes-day

08:30 – 09:00	REGISTRATION	
09:00 - 09:10	Welcome Note: **Anna Krook**	
SESSION 1	Adipose tissue in metabolic disorders	Chair: Alastair Kerr
09:10 - 09:45	"Adipose-Targeting Therapeutics for Metabolic Disease" **Michael P. Czech,** *UMass Chan Medical School*	
09:45 - 10:20	"From Lipolysis to Nuclear Function: Expanding Roles of Adipocyte Neutral Lipases" **Dominique Langin,** *I2MC Institute Toulouse*	
10:20 - 10:50	COFFEE BREAK	
SESSION 2	Metabolism at single-cell resolution	Chair: Harriet Wallberg
10:50 - 11:25	"Decoding metabolic diseases in space and time with single-cell proteomics" **Florian Rosenberger,** *Karolinska Institutet*	
SESSION 3	SRP DIABETES FELLOWS: Flash talks	Chair: Harriet Wallberg
11:30 - 12:00	6 x 3 min flash-talks (1 slide presentations)	
12:00 - 13:00	LUNCH (Posters to be mounted)	
SESSION 4	Human genomics in diabetes	Chair: Thomas Nyström
13:00 - 13:35	"Harnessing type 2 diabetes heterogeneity for precision health applications" **Jordi Merino**, *University of Copenhagen*	
13:35 - 14:10	"From Populations to cells: metabolic precision health through human profiling at different scales" **Claudia Langenberg**, *Queen Mary University London/Charité Berlin*	
14:10 - 14:40	COFFEE BREAK	
SESSION 5	Regulation of glycemic control	Chair: Malin Flodström Tullberg
14:40 - 15:15	"Time to combat diabetes: Keeping your body metabolism in synchrony" **Charna Dibner,** *University of Geneva*	
15:15 - 15:50	"Advanced imaging unveils the progressive demise of islet cells from euglycemia to type 2 diabetes and back" **Michele Solimena,** *TU Dresden*	
15:50 - 16:00	Closing Remarks: **Mikael Rydén**	
POSTER SESSION, Drinks and light bites		
16.00-18.00	Drinks and light bites served in the foyer by the entrance	
16.15-16.45	Posters with odd numbers will be presented	
16.45-17.15	Posters with even numbers will be present	