

# 3<sup>rd</sup> SWEDISH DIABETES SUMMIT

**November 15-16, 2018 | Stockholm, Sweden**

**This event is targeted to academic and industrial Swedish preclinical and clinical researchers within diabetes, clinically active medical doctors/health care personnel and patient organization representatives. All Swedish universities with medical faculty are involved.**

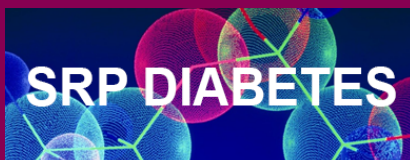
**Time:** November 15-16, 2018

**Place:** Aula Medica, Karolinska Institutet, Solna campus

**Organisers:** *Main organizer:* Strategic Research Programme in Diabetes at Karolinska Institutet (SRP Diabetes), *co-organizers:* Strategic Research Area EXODIAB and University of Gothenburg.

**Program committee:** Anna Krook (chair, Karolinska Institutet), Olga Göransson (Lund University), Magdalena Taube (Gothenburg University), Anita Öst (Linköping University), Johan Jendle (Örebro University), Carina Halleskog (Stockholm University), Ulf Risérus (Uppsala University), Julia Otten (Umeå University) and Daniel Lindén (AstraZeneca).

**Keep updated at:** [ki.se/en/srp-diabetes](http://ki.se/en/srp-diabetes)



# Thursday November 15

09.00-09.30 REGISTRATION, COFFEE  
09.30-09.40 Welcome address

## SESSION 1 Pancreas and diabetes

09.40-10.15 **Anette-Gabriele Ziegler**, Technische Universität, München  
*"Early events that shape type 1 diabetes prevention strategies"*

10.15-10.50 **Anne Grapin-Botton**, University of Copenhagen  
*"Models testing the contribution of developmental history to diabetes"*

10.50-11.20 COFFEE

11.20-11.50 **Bryndis Birnir**, Uppsala University  
*"GABA and GABA signalling in health and diabetes"*

## SESSION 2 Beta cells and mitochondria

11.50-12.20 **Hindrik Mulder**, Lund University  
*"Transcribing beta-cell mitochondria in health and disease"*

12.20-13.30 LUNCH, POSTER SETUP

13.30-14.00 **Martin Jastroch**, Stockholm University  
*"Integrating mitochondrial dynamics and bioenergetics to understand beta cell failure"*

## SESSION 3 Obesity and T2D

14.00-14.30 **Mikael Rydén**, Karolinska Institutet  
*"Some novel aspects on the causal role of white adipose tissue for cardiometabolic complications"*

14.30-15.00 **Elin Nyman**, Linköping University  
*"Mathematical modeling of cellular disease mechanisms such as insulin resistance in adipocytes of T2D patients"*

15.00-15.30 COFFEE

## SESSION 4 Poster Presentations

15.30-15.40 **Short talk selected from poster abstracts**, Swedish University  
15.45-15.55 **Short talk selected from poster abstracts**, Swedish University

## SESSION 5 Keynote: Human genetics and metabolic disease

16.00-17.00 **Eric Lander**, Broad Institute  
*"TBA"*

17.15-19.30 BUFFET DINNER WITH POSTER PRESENTATIONS

# Friday November 16

08.30-09.30 COFFEE

## SESSION 6 Epidemiology in metabolic disease

09.30-10.05 **Leif Groop**, Lund University  
*"The many faces of diabetes"*

10.05-10.40 **Thorkild Sørensen**, University of Copenhagen  
*"Epidemiological perspectives on the complex relation between obesity and diabetes"*

10.40-11.10 COFFEE

11.10-11.40 **Olov Rolandsson**, Umeå University  
*"Type 2 diabetes and cognitive dysfunction – a deleterious association we can prevent?"*

## SESSION 7 Epigenetics and metabolic disease

11.40-12.15 **Andrew Pospisilik**, Max-Planck-Institute  
*"Understanding plasticity at cellular and organismal levels"*

12.15-13.15 LUNCH

## SESSION 8 Fatty liver disease

13.15-13.50 **Hannele Yki-Järvinen**, University of Helsinki  
*"Pathogenesis of nonalcoholic fatty liver diseases (NAFLDs) in humans - implications for the clinic"*

13.50-14.20 **Margit Mahlapuu**, University of Gothenburg  
*"STK25 - a critical determinant in nonalcoholic steatohepatitis"*

14.20-14.50 COFFEE

## SESSION 9 Circadian rhythm and metabolism

14.50-15.25 **Juleen Zierath**, Karolinska Institutet  
*"Skeletal Muscle Mediators and Exercise-Induced Adaptations Governing Insulin Sensitivity in Type 2 Diabetes"*

15.25-16.00 **Satchidananda Panda**, Salk Institute for Biological Studies  
*"Coordination between circadian clock and daily eating pattern in metabolic homeostasis"*

16.00 Closing remarks