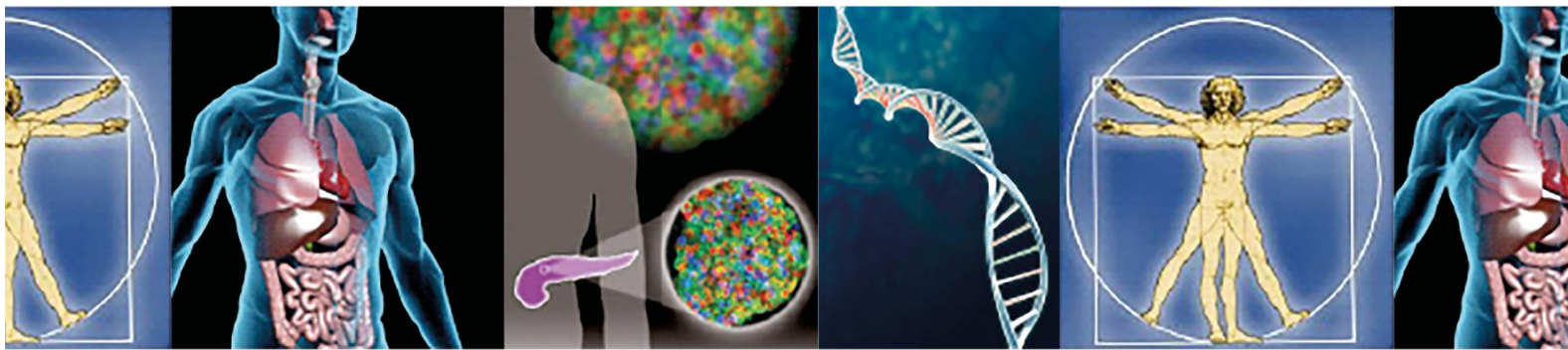


SRP DIABETES | ENDOMET | METENDO

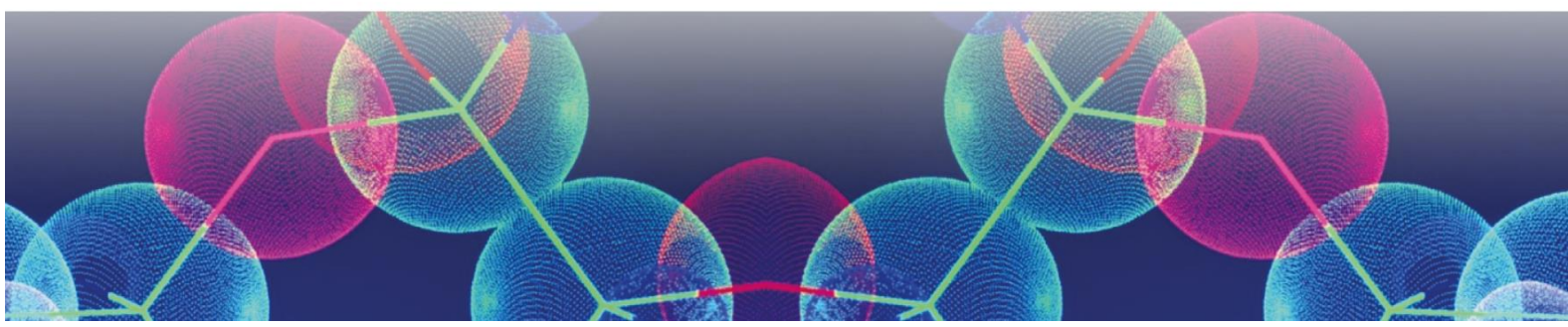
10 Joint Retreat YEARS ANNIVERSARY



Program and Abstracts

November 15–16, 2021

Vår Gård Conference Center



Venue information

Venue:

Vår Gård
Ringvägen 6
SE-133 80 SALTSJÖBADEN
TEL: +46(0)8-748 77 00
www.vargard.se



Travel Information

With Saltsjöbanan

From Stockholm central/T-centralen take the metro south to Slussen. Then follow the signs to “Ersättningsbuss” Saltsjöbanan. You take the bus 25 or 25B two stops from Slussen to Henriksdal and from there continue with the train to Saltsjöbaden (end station). From the station you can see a red brick building on the other side of the tracks. The walk to the reception takes just a couple of minutes. You can find the timetable for Saltsjöbanan at: www.sl.se

By car

Take highway 222 east (Värmdöleden) and make a right on the exit to Saltsjöbaden (highway 228). Once you are in Saltsjöbaden follow the signs to Ångbåtsbryggan and Vår Gård Saltsjöbaden.

GPS coordinates

Lat: N 59° 16.825
Long: E 018° 18.653

By bicycle

For those of you who want to take your bikes to the venue please contact the Reception at Vår Gård upon arrival for information about where to take a shower.

Poster session - Best Poster Awards

Posters will be on display just outside the seminar hall on screens that are **1.85 m high and 0.88 m wide**. Materials to attach with will be available. Posters should be mounted in the morning or lunchtime on the first day, November 15. The poster numbers will be given in the abstract book (printed copies handed out at the meeting plus sent electronically in advance). The number will designate the location of the poster board. Posters can be left on the poster screens during the whole meeting, where after they need to be removed.

November 15, 17.00 – 19.00 Poster presentations

Posters will be shown in two consecutive sessions; in the first session from 17.00 – 18.00 posters with odd numbers will be presented and in the second session from 18.00 – 19.00 posters with even numbers will be presented. This will allow the presenters to see the other posters.

Please Note: Poster presenters are expected to prepare a brief 3 min oral presentation.

Poster presenters eligible for the **poster awards** are PhD students and postdocs. A committee will evaluate the eligible abstracts/posters for best posters in two different categories:

Best poster for completed work

Best poster for most promising project

Awards will be announced during the dinner on November 15.

Best short talk award

As always, it's the **short talks by postdocs and PhD students that are eligible** for the best short talk award (will be highlighted in the program and abstract book). We will use the same online voting system as we used last year (voxxvote), meaning that **you need a smartphone/computer connected to the internet to vote** (wifi at the venue: VAR-GARD-GUEST).

Info on link and pincode for the voting system will be given at the meeting.

The best short talk award will be handed out at the concluding remarks on Tuesday November 16.

Program

Monday November 15

09.15 Arrival on your own to the venue Vår Gård.

Coffee + sandwich, mounting posters

[Note: time given for all talks below include 5 min for questions.]

10.00 - 10.20 Welcome note: Anna Krook (SRP Diabetes), Håkan Karlsson (SRP Diabetes), Marie Björnholm (MetEndo)

Session 1: Skeletal muscle, exercise, metabolism

Chair: Juleen Zierath

10.25 - 10.55 John Kirwan (Pennington BRC) *“Metabolic Diseases – Solutions from Cells to Society”*

11.00 - 11.15 Jon Smith *“HES1 is an insulin- and exercise- induced transcription factor that regulates skeletal muscle glucose metabolism”*

11.20 - 11.35 Zhengye Liu *“Altered mitochondrial function in skeletal muscle afflicted by peripheral artery disease”*

11.40-12.00 Coffee Break

12.00 - 12.15 Jorge Correia *“Zfp697 is a novel regulator of skeletal muscle inflammation and regeneration”*

Session 2: Rolf Luft Grants for Instrumentation

Chair: Anna Krook

12.20 - 12.40

Myriam Aouadi lab *“Digital droplet QPCR”*

Mattias Carlström lab, *“INALYZER: High Resolution DXA Body Composition Analyzer”*

Carolina Hagberg lab *“ProteinSimple capillary Jess western blot system”*

Kirsty Spalding lab *“Biorep Perifusion integrated system”*

13.00-14.20 Lunch + mounting posters + check-in

Session 3: Targeting beta cells, type 1 diabetes

Chair: Malin Flodström Tullberg

14.20 - 14.50 Mikael Knip (U Helsinki) *“Primary prevention of type 1 diabetes: challenges and hopes”*

14.55 - 15.10 Dimitri Van Simaey *“ β -cell-specific Aptamer, Vegf-A targeting small activating RNA conjugates improves vascularisation speed in the anterior chamber of the eye”*

15.15 - 15.45 Lena Eliasson (Lund U) *“Human islet microRNAs and their role in the pathogenesis of type 2 diabetes.”*

15.45-16.00 Break

Session 4: Targeting brain in type 2 diabetes (digital)

Chair: Kirsty Spalding

16.00 - 16.30 Lora Heisler (U Aberdeen) *“Targeting brain circuits to improve obesity and type 2 diabetes”*

Session 5: Scientific Publishing

Chair: Johanna Lanner

16.35 - 16.50 Isabella Samuelson (Nature Metabolism) *“Careers in scientific publishing”*

17.00 - 19.00 Poster Session with refreshments served

Posters are on display in the area just outside the seminar hall and poster presenters are expected to stand by their posters in two consecutive sessions; in the first session from 17.00 - 18.00 posters with odd numbers will be presented and in the second session from 18.00-19.00 posters with even numbers will be presented. This to allow also the presenters to see all posters. [Note: Poster presenters are expected to prepare a brief 3 min oral presentation].

19.30 Dinner and activities – Best Poster Awards

Tuesday November 16

07.00-09.00 Breakfast + check out from your rooms

Session 6: Immune system, metabolic disease, adipose tissue

Chair: Peter Arner

09.00 - 09.30 Anthony Ferrante (Columbia U) “*An Immune-Metabolic Interface*”

09.35 - 09.50 Angelo Ascani “*The role of B cells in immune cell activation in Polycystic Ovary Syndrome*”

09.55 - 10.10 Kirsty Spalding “*Fat cell contribution to metabolic disease in humans*”

10.15-10.45 Coffee Break

10.45 - 11.00 Anna Benrick (U Gothenburg) “*Adiponectin drives hyperplastic expansion and beiging of brown and white adipose tissue in mice*”

Session 7: Liver, lipids

Chair: Sara Straniero

11.05 - 11.20 Valerio Azzimato “*Hepatic miR-144 drives fumarase activity preventing NRF2 activation during obesity*”

11.25 - 11.40 Patricia Recio-López “*Improvement of the metabolic syndrome by lowering apolipoprotein CIII with siRNAs*”

11.40-13.00 Lunch + networking

13.00 - 13.15 Oihane Garcia-Irigoyen “*Liver-specific deletion of the corepressor GPS2 alleviates atherosclerosis and dyslipidemia*”

Session 8: Diabetes complications

Chair: Mikael Rydén

13.20 - 13.35 Vladimer Darsalia “*Normalisation of glucose metabolism by Exendin-4 in the chronic phase after stroke promotes functional recovery in male diabetic mice*”

13.40 - 13.55 Julia Sánchez-Ceinos “*Targeting histone methyltransferase EZH2 attenuates hyperglycaemia-induced oxidative stress and inflammation in human endothelium*”

14.00 - 14.15 Sofie Eliasson Angelstig “*Repression of Hypoxia-Inducible Factor-1 Contributes to Increased Mitochondrial Reactive Oxygen Species Production in Diabetes*”

14.20-14.40: Concluding remarks and short talk award (by voting online)

Anna Krook (SRP Diabetes), Mats Rudling (EndoMet), Sara Straniero (EndoMet) and Stefan Nobel (SRP Diabetes)

Departure