



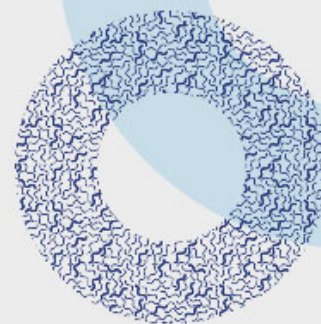
Danish Diabetes and
Endocrine Academy

Extracellular Vesicles in Endocrinology and Metabolism

1-2 June 2023

Comwell Hvide Hus Aalborg
Vesterbro 2, 9000 Aalborg
Denmark

Session overview



Day 1

Session I

Session II

Session III

Session IV

Thursday 1st of June

Extracellular Vesicles – An Introduction

Fetal Programming and Extracellular Vesicles

Physiological effects of Extracellular Vesicles in Endocrinology

Poster Pitches and Presentations

Day 2

Session V

Session VI

Friday 2nd of June

Workshops

Obesity, Diabetes and Extracellular Vesicles

Programme

Thursday 1st of June

08:30-09:00 Light breakfast

09:00-09:45 Registration and mounting of posters

09:45-10:00 Welcome

Professor **Aase Handberg**, Aalborg University (DK)

Session I Extracellular Vesicles – An Introduction

Chair: Associate Professor **Anne Nødgaard Weidema Sørensen**, Aalborg University (DK)

10:00-10:30 Introduction to Extracellular Vesicles

Associate Professor **Carlos Salomon**, Centre for Clinical Research, Faculty of Medicine, The University of Queensland (AU)

10:30-10:45 Questions & answers

Session II Fetal Programming and Extracellular Vesicles

Chair: Associate Professor **Anne Nødgaard Weidema Sørensen**, Aalborg University (DK) and Associate Professor **Ulla Kampmann Opstrup**, Aarhus University (DK)

10:45-11:15 Impact of an adverse fetal environment on offspring health – can we prevent the unhealthy consequences?

Senior Scientist and Team Leader **Louise Grunnet**, Steno Diabetes Center Copenhagen and Department of Global Health, University of Copenhagen (DK)

11:15-11:30 Questions & answers

11:30-12:15 Lunch

12:15-12:45 Fetal-maternal communication via extracellular vesicles – Implications for complications of pregnancies

Associate Professor **Carlos Salomon**, Centre for Clinical Research, Faculty of Medicine, The University of Queensland (AU)

12:45-13:00 Questions & answers

13:00-13:30 Diabetes in pregnancy – fetal programming and future perspectives

Clinical Research Associate Professor **Tine Clausen**, Department of Clinical Medicine, University of Copenhagen, Nordsjællands Hospital (DK)

13:30-13:45 Questions & answers

13:45-14:00 Stretch break

14:00-14:10 Plasma Exosome-Enriched Extracellular Vesicles From Lactating Mothers With Type 1 Diabetes

PhD Fellow **Caroline Frørup**, Steno Diabetes Center Copenhagen (DK)

14:10-14:15 Questions & answers

Session III **Physiological effects of Extracellular Vesicles in Endocrinology**

Chair: Professor **Louise Dalgaard**, Roskilde University (DK)

14:15-14:45 Tissue cross-talk via extracellular vesicles in metabolism

Research Director **Sophie Rome**, Tissue cross-talk via EVs in metabolism (FR)

14:45-15:00 Questions & answers

- 15:00-15:30 Coffee and cake
- 15:30-16:00 Extracellular vesicles as signalling mediators in thyroid development and function
- Professor **Christophe Pierreux**, Faculty of Medicine and Dentistry, Institute de Duve, UCLouvain (BE)
- 16:00-16:15 Questions & answers
- 16:15-16:25 Short talk selected from submitted abstracts
- 16:25-16:30 Questions & answers
- 16:30-16:45 Day 1 reflections and concluding remarks
- Organising committee for the scientific programme

16:45-17:30 Hotel check-in & informal networking

Session IV Poster Session

Chair: Associate Professor **Ulla Kampmann Opstrup**, Aarhus University (DK)

17:30-19:00 Poster pitches & presentations

19:00-19:45 Walking tour to restaurant

19:45-00:00 Dinner
Restaurant Textur, Østre Havnegade 28, 9000 Aalborg

Programme

Friday 2nd of June

08:30-09:00 Light breakfast

Session V Workshops (in parallel)

Chair: Professor **Louise Dalgaard**, Roskilde University (DK)

09:00-09:15 Introduction to the workshops

Professor **Louise Dalgaard**, Roskilde University (DK)

09:15-10:30 Workshop #1 Methods and sample handling for EV studies

Associate Professor **Carlos Salomon**, Centre for Clinical Research, Faculty of Medicine, The University of Queensland (AU)

09:15-10:30 Workshop #2 Handling of Big data in EV studies

Title **Dominic Guanzon**, Centre for Clinical Research, Faculty of Medicine, The University of Queensland (AU)

10:30-10:45 Coffee break

Session VI Obesity, Diabetes and Extracellular Vesicles

Chair: Professor **Aase Handberg**, Aalborg University (DK)

10:45-11:15 The role of intra-organ fat in the aetiology of type 2 diabetes

Professor **Roy Taylor**, Translational and Clinical Research Institute, Newcastle upon Tyne (UK)

11:15-11:30 Questions & answers

11:30-12:15 Lunch

12:15-12:30 Break

- 12:30-13:00 Hepatocyte-secreted Extracellular Vesicles in liver affecting pathologies
Professor **Juan Falcon Perez**, CIC BioGUNE (ES)
- 13:00-13:15 Questions & answers
- 13:15-13:35 EV-array as a Screening Tool for New NAFLD Biomarkers
Associate Professor **Malene Møller Jørgensen**, Department of Clinical Immunology, Aalborg University Hospital, Department of Clinical Medicine, Aalborg University (DK)
- 13:00-13:15 Questions & answers
- 13:15-13:45 Endothelial cell derived Extracellular Vesicles in Metabolic Cardiovascular Disease
Professor **Naveed Akbar**, Division of Cardiovascular Medicine, University of Oxford (UK)
- 13:45-14:00 Questions & answers
- 14:00-14:15 Stretch break
- 14:15-14:45 EVs in metabolism –wrap up
Associate Professor **Carlos Salomon**, Centre for Clinical Research, Faculty of Medicine, The University of Queensland (AU)
Research Director **Sophie Rome**, Tissue cross-talk via EVs in metabolism (FR)
- 14:45-15:00 Reflections and concluding remarks
Organising committee for the scientific programme
- 15:00-15:30 Coffee, cake and informal networking

Organising Committee Scientific Programme

Professor **Aase Handberg**, Aalborg University (DK)

Associate Professor **Anne Nødgaard Weidema Sørensen**, Aalborg University (DK)

Professor **Louise Torp Dalgaard**, Roskilde University (DK)

Associate Professor **Ulla Kampmann Opstrup**, Aarhus University (DK)



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