ReproNET symposium 2025

October 15-16, 2025, Nynäs Havsbad, capacity 50 people.

Day 1: Wednesday 15th

Time	Activity	Speaker
11:00-11:30	Registration	
11:30-12:30	Lunch	
12:30 - 12:40	Introductions	Pauliina, Signe & Andres, coordinators of the ReproNET
12:40-14:30	SESSION 1 Setting the scene: history of reproduction	Keynote 1: Prof Andres Salumets, University of Tartu & Karolinska Institutet "History and future of reproductive medicine. How did we get here and what does the future hold?" 25 min presentation + 10 min QA Keynote 2: Assoc Prof Triin Laisk, University of Tartu "What have genetic association studies taught us about women's health?" 25 min presentation + 10 min QA Short talks á 10 min presentation + 2 min QA • Short talk 1 Anja Dekanski "Establishing endometrium epithelial organoids and stroma cell culture from insulin resistant women with polycystic ovary syndrome" • Short talk 2 Tanja Turunen "Cell type-specific endometrial dysfunctions across the menstrual cycle in polycystic ovary syndrome" • Short talk 3 Denise Parreira "Decoding human placental cellular and molecular responses to obesity and fetal growth"
14:30-15:10	Coffee break	
15:10-17:00	SESSION 2 Modelling early human development with stem cells	Keynote 3: Assoc Prof Fredrik Lanner, Karolinska Institutet "Modelling the first two weeks of life with stem cells" 25 min presentation + 10 min QA Keynote 4: Assoc Prof Silvia Santos, Francis Crick Institute "Modelling post-implantation development with stem cells" 25 min presentation + 10 min QA

		Short talks á 10 min presentation + 2 min QA
		 Short talk 4 Loren Méar "SHE: Spatial proteomics Highlights the human Endometrium" Short talk 5 Corinna Mayer "Displaying immuno-metabolic dynamics of the uterine functional endometrium" Short talk 6 Caroline Frisendahl "Blastocoel fluid RNA predicts pregnancy outcome in assisted reproduction"
17:00-18:30	POSTER SESSION	
18:30-20:00	Spa	
20:00-	Dinner	

Day 2: Thursday 16th

Time	Activity	Speaker
7:00-8:30	Breakfast	
8:30-10:20	SESSION 3 Repairing development and tissue function	Keynote 5: Assoc Prof Cecilia Götherström, Karolinska University Hospital "Repairing development with stem cells -fetal therapies" 25 min presentation + 10 min QA Keynote 6: Assoc Prof Signe Altmäe, University of Granada & Karolinska Institutet "Restoring fertility with microbiome" 25 min presentation + 10 min QA Short talks á 10 min presentation + 2 min QA
		 Short talk 7 Kubra Kocak "Microbiota Matters: Investigating Bacterial Responses to Chemotherapeutic Agents in Ovarian Cancer" Short talk 8 Alberto Sola-Leyva "Uterine fluid extracellular vesicles reflect microbial dysbiosis and modulate embryo implantation" Short talk 9 Apostol Apostolov "The impact of the glucagon-like peptide-1 receptor agonist semaglutide on endometrial physiology, embryo development and implantation"

10:20-10:40	Coffee break	
10:20-10:40	SESSION 4 From single cells to gonads in vitro	Keynote 7: Assist Prof João Pedro Alves-Lopes, Karolinska Institutet "Modelling human male germline in vitro" 25 min presentation + 10 min QA Keynote 8: Prof. Pauliina Damdimopoulou, Karolinska Institutet "Human ovaries from birth to adulthood -from single cells to models" 25 min presentation + 10 min QA Short talks á 10 min presentation + 2 min QA Short talk 10 Ilmatar Rooda "Phthalate metabolite MEHP effects on stem cell-based embryo model and the human ovary in vitro" Short talk 11 Lydia Wehrli "Generation of novel immortalized human ovarian cell lines"
	Wrapping up	 Short talk 12 Jason A Halliwell "Establishing Replication Timing in the Early Embryo" Short talk 13 Leah Nic Aodha "Using patient-specific stem cells to restore germline functionality"
13:00-	Lunch and bye bye!	