WOMEN’S AND FETAL HEALTH AND WELLBEING
Tartu, Estonia, September 19–20, 2018
Venue: Institute of Molecular and Cell Biology, University of Tartu, Omicum building, Riia 23b/2, auditorium 105

PROGRAMME:

Wednesday, September 19, 2018

09:30–10:00 Welcome coffee
10:00 Opening words, Professor Ants Kurg, University of Tartu

I session: ENDOMETRIOSIS PATHOGENESIS
“Endometriosis, course of disease”
10:50–11:25 Nilufer Rahmioglu (UOXF, Oxford, UK)
“Largest genome-wide association meta-analysis of endometriosis and its subtypes including 63K cases and 482K controls reveals novel loci”
11:25–12:00 Maarja Lepamets (UTARTU, Tartu, EST)
“CNV analysis of endometriosis”
12:00–13:15 Lunch break

II session: EMBRYO GENOMICS
“Genomic application in preimplantation and prenatal diagnosis”
“A closer look at chromosome instability in preimplantation embryos”
14:25–15:00 Elia Fernandez-Gallardo (KU Leuven, Leuven, BEL)
“Parallel single cell genome and transcriptome sequencing to study the chromosomal instability during human embryonic preimplantation development”
15:00–15:20 Coffee break

III session: SAFE REPRODUCTION
15:20–15:55 Hanna Valli (University of Pittsburgh, Pittsburgh, USA)
“Fertility preservation programs for women and men”
15:55–16:30 Lauris Kaplinski (UTARTU, Tartu, EST)
“Non-invasive prenatal diagnostics”

Thursday, September 20, 2018

09:00–09:30 Welcome coffee

IV session: TRILATERAL PATERNAL, MATERNAL AND EMBRYO COMMUNICATION
09:30–10:05 Ingrid Granne (UOXF, Oxford, UK)
“The influence of Seminal Fluid Extracellular Vesicles on human endometrium”
10:05–10:40 Jennifer Southcombe (UOXF, Oxford, UK)
“Endometrial immune profiles in subfertility – a detailed flow cytometric and transcriptomic investigation of immune cells in recurrent miscarriage and RIF”
10:40–11:15 Kaarel Krjutškov (UTARTU, Tartu, EST)
“READY-test: a novel endometrium receptivity test applying advanced biomarker profiling method”
11:15–11:50 Alireza Fazeli (UTARTU, Tartu, EST & University of Sheffield, UK)
“Embryo–Maternal Communication in the Era of Intercellular Epigenomics”
11:50–13:15 Lunch break

V session: NOVEL GENOMIC TECHNOLOGIES
13:15–13:50 Omid Faridani (Karolinska Institutet, Stockholm, SWE)
title TBD
13:50–14:25 Edita Kriukiene• (Institute of Biotechnology, Vilnius University, Vilnius, LIT)
“High resolution epigenomic technologies for DNA modification analysis”
14:25–14:45 Coffee break

VI session: FROM EMBRYO TO A CHILD
14:45–15:20 Heleen Masset (KU Leuven, Leuven, BEL)
“Single-cell embryo research”
15:20–15:55 Valery Zukin (Clinic of Reproductive Medicine “Nadiya”, Kyiv, UKR)
“Tri-parental conception in practice”
15:55–16:30 Régine PM Steegers-Theunissen (Erasmus University Medical Center, Rotterdam, NLD)
“Periconceptional parental conditions and health and disease in later life”

Closing remarks, Professor Andres Salumets, University of Tartu

The participation is for free; Registration until September 12 and additional information on webpage: https://sisu.ut.ee/widenlife