Final conference of H2020-TWINN-2015 WIDENLIFE project (Grant No 692065)

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

Funded by the European Union through the Coordination and Support Action of the H2020 program under grant agreement No 692065 „Widening the Scientific Excellence for Studies on Women’s and Fetal Health and Wellbeing“
Wednesday, September 19, 2018

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

I session: ENDOMETRIOSIS PATHOGENESIS


11:25-12:00 Maarja Lepamets (UTARTU, Tartu, Estonia) „CNV analysis of endometriosis“

12:00-13:15 Lunch break

II session: EMBRYO GENOMICS


14:25-15:00 Elia Fernandez-Gallardo, (KU Leuven, Leuven, Belgium) “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, Department of Obstetrics,
Gynecology and Reproductive Sciences, Pittsburgh, USA) “Fertility preservation programs for women and men”

15:55-16:30 Lauris Kaplinski (UTARTU, Tartu, Estonia) „Non-invasive prenatal diagnostics”

Thursday, September 20, 2018

09:00-09:30 Welcome coffee

IV session: TRILATERAL PATERNAL, MATERNAL AND EMBRYO COMMUNICATION


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”


11:15-11:50 Alireza Fazeli (UTARTU, Tartu, Estonia & 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)

13:50-14:25 Edita Kriukienė (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


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) title TBD

Closing remarks, Professor Andres Salumets, University of Tartu