



CTR Half Day Symposium

Wednesday 24th May 2023

The Postdoc Centre at Eddington,
105 Eddington PI, Cambridge CB3 1AS

2:00 - 2:10 Welcome and housekeeping

2:00 **Kathy Niakan**
Welcome and housekeeping

2:10 - 3:30 Session 1: Chaired by Claire Senner and Giulia Avellino

2:10 **Opening keynote - Mathew Van de Pette:** *Developmental and Reproductive Toxicology (DART)- a realistic concern or a storm in a teacup?*

2:30 **Clara Munger:** *Investigating embryonic disc and amnion formation by microgel culture and spatial mapping*

2:45 **Cherlyn Tan:** *Non-CpG Methylation in the Placenta*

3.00 **Antonio Galvao:** *Impaired decidualisation in obese mice is associated with the upregulation of leptin signalling modulators Socs3 and Ptpn2*

3.15 **Emma Siragher:** *The placenta in adverse maternal environments; exploring how hypoxia and food restriction limit fetal growth*

3.30 **Laura Woods:** *Reintroducing CTR Bioinformatics*

3:35 - 3:50 Tea & coffee break

3:50 - 4:50 Session 2: Chaired by Priscilla Day-Walsh and Andreea Cristian

3.50 **Qian Li:** *Reciprocal interactions between KIR+ uterine NK cells and HLA-C+ extravillous trophoblast promote successful placentation*

4.05 **Jorge Lopez-Tello:** *Placental function and fetal brain development are controlled by maternal gut Bifidobacterium*

4.20 **Francesca Gaccioli:** *Placental Group B Streptococcus (GBS): an unrecognised cause of fetal morbidity?*

4.35 **Ulla Sovio:** *Maternal serum biomarkers and the risk of spontaneous preterm birth*

4:50 - 5:00 Refreshment break

5:00 - 5:30 Closing Keynote

5.00 **Ashley Moffett**
From First Trimester to Term

5:30 Pizza & drinks