



CTR 10th Anniversary Trophoblast Meeting 2017
Venue: Palmerston Room, St. Johns College, Cambridge

Tuesday 11 July

8.30-9.10 Registration and coffee

Welcome

9.10-9.30 Graham Burton, Director, Centre for Trophoblast Research

The Centre for Trophoblast Research; origin to impact

Trophoblast biology

9.30- 9.50 Myriam Hemberger, Babraham Institute, Cambridge
Transcriptional and epigenetic regulation of the trophoblast lineage

9.50-10.10 Margherita Turco, Centre for Trophoblast Research, University of Cambridge
Endometrial and Trophoblast organoids

10.10-10.30 Sarah Teichmann, Wellcome Trust Sanger Institute, Cambridge
Understanding Cellular Heterogeneity

10.30-10.50 Kathy Niakan, Crick Institute, London
Mechanisms of lineage specification in human embryos

11.00-11.30 Coffee

Placentation

11.30-11.50 Magda Zernicka-Goetz, Department of Physiology, Development and Neuroscience, University of Cambridge
Building the mammalian embryo ... one step closer

11.50-12-10 Anne Ferguson-Smith, Department of Genetics, University of Cambridge
Genomic imprinting and the development, function and epigenetics of the placenta

12.10-12.30 Francesco Colucci, Department of Obstetrics and Gynaecology, University of Cambridge

Maternal innate lymphocytes and reproduction

12.30-12.50 Ashley Moffett, Department of Pathology, University of Cambridge
Border Control by the Immune System at the Placenta/Uterine Boundary

1.00-2.00 Lunch

Placental Physiology

2.00-2.20 Miguel Constância, Metabolic Research Laboratories, University of Cambridge

Genetic control of maternal-fetal resource allocation

2.20-2.40 Yoel Sadovsky, Magee-Women's Research Institute, Pittsburgh
Pathways underlying trophoblastic cell defense against viral infection

2.40-3.00 Romina Plitman Mayo, Centre for Trophoblast Research, University of Cambridge,
Computational modelling of placental function

3.00-3.20 Gordon Smith, Department of Obstetrics and Gynaecology, University of Cambridge

Placental biomarkers for adverse pregnancy outcome

3.30-4.00 Tea

Placenta and health

4.00-4.20 Kent Thornburg, The Moore Institute, Oregon Health Sciences University
The placenta is the driver of human chronic disease

4.20-4.40 David Weinberg, The Human Placenta Project, NICHD, Bethesda
The Human Placenta Project's progress and future direction

4.40-5.00 To be confirmed.

5.00-5.20 Annette Nakimuli, University of Makerere, Kampala
The immunogenetics of pre-eclampsia in an indigenous African population

5.20-5.40 Joy Lawn, London School of Hygiene and Tropical Medicine
Reproduction and global women's health

5.40 Graham Burton Close

7.00 Reception: Backs weather permitting or the New Court Cloisters if wet

7.30 Dinner: The Hall St. Johns College, Cambridge

After Coffee

Addresses from:

Professor Sir Leszek Borysiewicz, the Vice-Chancellor

Professor Abigail Fowden, Head of the School of the Biological Sciences

Professor Patrick Maxwell, Head of the School of Clinical Medicine

Response from Professor Wolf Reik, Chair of the Scientific Advisory Board of the Centre for Trophoblast Research