



Eurotoxemia 2020

Monday 7th September

13.30 Opening

Graham Burton, Marshall Walton Professor of Reproductive Physiology; Director, Centre for Trophoblast Research

Trophoblast biology and causation

Chair: Graham Burton

13.45 - *Towards a better understanding of the STOX1 transcription factor function in trophoblast physiology*

Daniel Vaiman, Director of Research INSERM, Team FGTB ('From Gametes To Birth'), Université de Paris, Institut Cochin

14.15 - *IFITM proteins inhibit migration and invasion of human trophoblasts*

Thierry Fournier, Research Director, Head of the 3PHM Research Unit, INSERM & Université de Paris, Faculté de Pharmacie

14.45 - *Exploring the role of the tumour suppressor BAP1 in trophoblast differentiation and invasion: Implications for preeclampsia*

Vicente Pérez-García, Next Generation Fellow, Centre for Trophoblast Research

15.15 - 15.30 break

Chair: Thierry Fournier

Research Director, Head of the 3PHM Research Unit, INSERM & Université de Paris, Faculté de Pharmacie

15.30 - *A role for dormant microbes in pre-eclampsia, and the potential preventive role of L-(+)-ergothioneine*

Douglas Kell, Research Chair in Systems Biology, University of Liverpool

Louise Kenny, Executive Pro Vice Chancellor of the Faculty of Health and Life Sciences at the University of Liverpool; Deputy Chair of the Board of Liverpool Health Partners

16.00 - *Fetal inheritance of chromosomally integrated HHV-6 predisposes to preeclampsia in the mother*

Gordon Smith, Head of the Department of Obstetrics and Gynaecology, University of Cambridge. Manager, Centre for Trophoblast Research

16.30 - *What is new about late-onset preeclampsia?*

Pierre-Yves Robillard, Service de Néonatalogie, Centre d'Etudes Périnatales Océan Indien (CEPOI). Centre Hospitalier Universitaire Sud Réunion

17.00 - 17.30 General Discussion & Networking

Chair: Annetine Staff, Specialist in Gynecology and Obstetrics. Professor at the Faculty of Medicine, Institute of Clinical Medicine, University of Oslo, Norway. Head of Research at the Oslo University Hospital, Division of Obstetrics and Gynaecology. Clinical consultant.

17.30 Close

Tuesday 8th September

13.30 Opening

Graham Burton, Marshall Walton Professor of Reproductive Physiology; Director, Centre for Trophoblast Research

Placental metabolism in PE

Chair: Lucy Chappell, NIHR Research Professor in Obstetrics, King's College London

13.45 - X chromosome inactivation escape as a novel mechanism underlying sex differences in placental metabolism

Irving Aye, Next Generation Fellow, Centre for Trophoblast Research

14.15 - Role of mitochondrial unfolded protein response in early-onset preeclampsia

Billy Yung, Senior Research Associate, Centre for Trophoblast Research

14.45 - Alterations in one-carbon and sphingolipids metabolism indicate multi-compartment dysfunction in placentas from early-onset pre-eclampsia

Tatiana El Bacha, Assistant Professor, Federal University of Rio de Janeiro; Centre for Trophoblast Research

15.15 - 15.30 break

Biomarkers and treatment

Chair: Chris Redman, Emeritus Professor of Obstetric Medicine, Nuffield Dept of Women's and Reproductive Health

15.30 - Do circulating cardiovascular biomarkers at delivery reflect placental function?

Meryam Sugulle, MD, PhD, Consultant Obstetrician, Researcher, Department of Obstetrics, Division of Obstetrics and Gynaecology, Oslo University Hospital

16.00 - *sFLT-1 apheresis for the treatment of preeclampsia*

Vassilis Tsartsaris, Professor of Obstetrics and Gynaecology & Head of the Fetal Medicine Centre,
Cochin hospital, Paris

16.30 - *Placenta biomarkers in chronic kidney disease and chronic hypertension*

Lucy Chappell, NIHR Research Professor in Obstetrics, King's College London

17.00 - 17.30 General Discussion & Networking

Chair: Jim Roberts, Former/Founding Director MWRI; Professor of OBGYN and Reproductive Sciences,
Epidemiology and Clinical and Translational Research, University of Pittsburgh

17.30 Close