Eurotoxemia 2020

Monday 7\textsuperscript{th} September

13.30 Opening

\textbf{Graham Burton}, Marshall Walton Professor of Reproductive Physiology; Director, Centre for Trophoblast Research

\textbf{Trophoblast biology and causation}

Chair: Graham Burton

13.45 - \textit{Towards a better understanding of the STOX1 transcription factor function in trophoblast physiology}

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

14.15 - \textit{IFITM proteins inhibit migration and invasion of human trophoblasts}

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

14.45 - \textit{Exploring the role of Bap1 tumour suppressor gene in trophoblast differentiation and invasion: Potential implications for the pathogenesis of pregnancy complications}

\textbf{Vicente Pérez-García}, Next Generation Fellow, Centre for Trophoblast Research

15.15 - 15.30 break
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 Néonatologie, Centre d’Etudes Périmatales Océan Indien (CEPOI). Centre Hospitalier Universitaire Sud Réunion

17.00 - 17.30 General Discussion & Networking

Chair: Annetine Staff, Professor, Obstetrics and Gynaecology, Institute of Clinical Medicine, Oslo

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, Prof in Gynaecology & Obstetrics, Université de 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