

3rd International Congress on Maternal Hemodynamics, 12 - 14 April 2018

Thursday 12 April 2018

9.00 Precongress workshop

12.00 Lunch

14.00 Welcome

Session 1: Hemodynamics - New Concepts

14.15 Inflammation as the Key to Vascular Dysfunction

14.30 Obesity, GDM and Maternal Cardiovascular Function

14.45 Maternal Cardiac Function as an Admission Test in Early Labour

15.00 Clinical use of Nitric Oxide Donors: Latest Insights

15.15 Discussion

15.30 OS 1: Free Communications on New Developments and Links with Other Medical Disciplines

16.30 Coffee

Session 2: Hemodynamic Changes and Clinical Management

17.15 What Physicians Learned from Obstetricians

17.30 How Adult Antihypertension can Teach us Lessons

17.45 Monitoring Antihypertensive Therapy with Hemodynamics

18.00 Talking Point and Proposals: The Future of Maternal Hemodynamics and of IWGMH

18.15 Discussion

18.30 **Closure Day 1**

18.30 - 19.30 **Welcome Reception**

Carmel McEniery, University of Cambridge & Ian Wilkinson, University of Cambridge

Attilio Speciani MD, University of Bologna

Tommy Mousa, University of Leicester

Herbert Valensise, University of Rome

Dietmar Schlembach, University of Berlin

Valerie Luyckx, University of Zurich

Ian Wilkinson, University of Cambridge

Daniel Stott, King's College Hospital London

Christoph Lees, Imperial College London & Wilfried Gyselaers, University of Hasselt

Friday 13 April 2018

Session 3: Non-invasive Technologies for Maternal Hemodynamic Assessment

9.00 Blood Pressure Measurement: Which Method and Thresholds?

9.15 FMD: Endothelium Dependent and Independent Mechanisms

9.30 Is the Microcirculation Relevant?

9.45 Skin Microvascular Function

10.00 Discussion

10.15 OS 2: Free Communications on Non-invasive Technologies and their Clinical Applications

11.15 Coffee

Session 4: Understanding Physiology and Pathophysiology

12.00 Non-invasive Monitoring: Lessons from Acute Medicine

12.15 The Maternal Circulation is a Circuit with Interdependently Functioning Components

12.30 Phenotype-specific Treatment of HT and FGR

12.45 Discussion

13.00 Lunch

Session 5: Preconceptional Physiology and Strategies

14.00 Preconceptional CV Status of Former PE Women in Relation to Outcome of Subsequent Pregnancy

14.15 Pre-pregnancy Exercise: The Rationale

14.30 Pre-pregnancy Cardiovascular Optimization in Previous PE/FGR

14.45 WATCH UK: Why we need a Pre-pregnancy Population Study

15.00 Discussion

15.15 OS 3: Free Communications on Preconceptional Assessment/Management and Preclinical Screening

16.15 Coffee

Andrew Shennan, Kings College London

Charlotte Iacobaeus, Danderyd Hospital

Andreas Brückmann, Practice for Gynaecology and Obstetrics

Thomas Kahan, Danderyd Hospital

Tim Rainer, Cardiff University

Wilfried Gyselaers, University of Hasselt

Enrico Ferrazzi, University of Milan

Marc Spaanderman, Maastricht University

Vicky Meah, University of Alberta

Ralph Scholten, Radboud University Nijmegen

Carmel McEniery, University of Cambridge

Session 6: Hemodynamics of GHD and/or IUGR

17.15	Hemodynamic Characteristics of TTP, HUS and AFLP and their Relationship with Pre-eclampsia	David Williams, University College London Hospital
17.30	Home Monitoring of Hypertension in Pregnancy	Asma Khalil, University of London
17.45	PreMoM: The Belgian Project on Telemonitoring for Women at Risk for GHD	Dorien Lanssens, University of Hasselt
18.00	Metabonomics and Biomarkers for PE and/or FGR: What Comes Next?	Jasmine Tay, Imperial College London
18.15	Discussion	
18.30	Closure Day 2	
20.00 - late	Congress Dinner - Trinity Hall	

Saturday 14 April 2018

Session 7: Management of GHD and/or IUGR

9.00	Vascular Function in Women with Chronic Hypertension	Lucy Chappell, Kings College London
9.15	Why Early and Late PE are the Same Condition	Christoph Lees, Imperial College London
9.30	Pre-eclampsia: More than Sick Pregnant Women	Basky Thilaganathan, St Georges University Hospitals
9.45	Discussion	
10.00	OS 4: Free Communications on Management During Disease and Postpartum	
11.00	Coffee	

Session 8: Postpartum and Long Term Cardiovascular Function After PE

11.45	Cardiovascular Follow up Program After PE	Chahinda Ghossein-Doha, Maastricht University
12.00	Hemodynamics in The Offspring of Women with ART	Théo Meister, University Hospital of Bern
12.15	Public Health Benefits of Maternal Hemodynamics Assessment During Pregnancy and Beyond	Hans Duvekot, Erasmus MC, Rotterdam
12.30	Discussion	
12.45	Best Abstract Award	
13.00	Closure of Congress	

**This programme is subject to changes, and is correct as of 05.03.18*

