**TUESDAY, 09 OCTOBER**

**14:00 - 14:45: Poster pitches**

**Poster pitches 1 | Endothelium/lipids/oxidative stress (room: Zuiveringshal)**

Date: Tuesday, 09 October 2018  
Time: 14:00 - 14:45

14:00 - 14:05  
**Abstract 56: Maternal lipid profile in early pregnancy as marker for adverse perinatal outcomes**  
Adank, Maria C (Rotterdam, The Netherlands)

14:05 - 14:10  
**Abstract 100: The effect of pitavastatin and pravastatin on omental and chorionic plate artery function in normal pregnancy and pre-eclampsia**  
Agwu, Chinedu (Manchester, United Kingdom)

14:10 - 14:15  
**Abstract 210: Reduced barrier function of the microvascular endothelial glycocalyx in women with a history of preeclampsia, one year after delivery**  
Brands, Judith (Pittsburgh, United States of America)

14:15 - 14:20  
**Abstract 133: The role of vitamin D in cell-cell interaction of endothelial cells and trophoblasts in a preeclampsia-like model**  
Brodowski, Lars (Hannover, Germany)

14:20 - 14:25  
**Abstract 253: Sublingual Microvascular Density and Glycocalyx Barrier Dynamics, During and After Normal and Preeclamptic Pregnancy**  
Gandley, Robin E. (Pittsburgh, PA, United States of America)

14:25 - 14:30  
**Abstract 310: Quercetin protects against the vascular contractile effect of placental secreted messengers released under placental hypoxia: an in-vitro model of preeclampsia**  
Pellaers, Dominique (Maastricht, The Netherlands)

14:30 - 14:35  
**Abstract 45: Effects of syncytiotrophoblast extracellular vesicles (stbevs) on endothelium-dependent vasodilation in uterine arteries from lectin-like oxidized LDL receptor-1 (lox-1) overexpressing mice during pregnancy**  
Spaans, Floor (Edmonton, Canada)

14:35 - 14:40  
**Abstract 89: Placental oxidative stress, angiogenic factor and maternal endothelial function in pregnant women with normotensive fetal growth restriction**  
Watanabe, Kazushi (Nagakute, Japan)

14:40 - 14:45  
**Late breaking abstract 453: Effect of high dose folic acid supplementation throughout pregnancy on preeclampsia (FACT): a double-blind, randomized controlled, international multi-centre trial.**  
Walker, Mark, Ottawa
Poster pitches 2 | Placenta (room: Westergastheater)
Date: Tuesday, 09 October 2018
Time: 14:00 - 14:45

14:00 - 14:05 Abstract 101: Lipoprotein turnover and possible remnant accumulation in preeclampsia: Insights from the Freiburg Preeclampsia H.E.L.P.-Apheresis Study
Contini, Christine (Freiburg, Germany)

14:05 - 14:10 Abstract 313: Fetal microchimerism in pregnancy and placental dysfunction
Fjeldstad, Heidi E. (Oslo, Norway)

14:10 - 14:15 Abstract 82: Disulfiram inhibits placental sFLT-1 secretion
Hastie, Roxanne (Heidelberg, Australia)

14:15 - 14:20 Abstract 7: Possible roles of (pro)renin receptor induced by hypoxia in trophoblasts
Chikahito, Suda (Japan)

Moran, Olivia (Manchester, United Kingdom)

14:25 - 14:30 Abstract 79: LXR and ABC-Transporter-Expression Patterns in the Placenta in IUGR
Pecks, Ulrich (Kiel, Germany)

Poster pitches 3 | Translational research (room: Machinegebouw)
Date: Tuesday, 09 October 2018
Time: 14:00 - 14:45

14:00 - 14:05 Abstract 283: A Novel Peptide-Based Antagonist of sFlt-1
Eddy, Adrian C (United States of America)

14:05 - 14:10 Abstract 140: A novel pre-eclampsia model induced by renal artery clipping
Damasceno Rodrigues, Laís (Brazil)

14:10 - 14:15 Abstract 55: Investigational RNAI therapeutic targeting angiotensinogen (AGT) ameliorates the preeclamptic phenotype in rodent models of preeclampsia
Haase, Nadine (Berlin, Germany)

14:15 - 14:20 Abstract 75: Magnesium deficiency induces hypertension associated with suppression of catechol-O-methyltransferase
Kumagai, Asako (Kanazawa, Japan)

14:20 - 14:25 Abstract 130: Nicotinamide alleviates preeclampsia-like features and lupus nephritis in pregnant MRL/lpr mice treated with LPS
Oe, Yuji (Sendai, Japan)

14:25 - 14:30 Abstract 237: Metabolomic analysis of preeclampsia in mouse overproducing sFlt-1
Sato, Emiko (Japan)
14:30 - 14:35  **Abstract 202**: Joint exposure to antiangiogenesis and inflammation in pregnant mice results in sex specific growth restriction patterns  
Stojanovska, Violeta (Groningen, The Netherlands)

14:35 - 14:40  **Abstract 88**: Integrins (α1, β1 and α6, β4) differentially modulate trophoblast-endothelial interaction in vitro  
Xu, Bei Dr. (Newtown, Australia)

14:40 - 14:45  **Late breaking abstract 465**: The impact of the HYPITAT I trial on obstetric management and maternal and neonatal outcome in women with gestational hypertension or preeclampsia in the Netherlands.  
Sonnaville, Catherine de (Amsterdam, The Netherlands)

**14:45-15:30: Poster session (all posters will be presented, including the posters from the poster pitches)**

**Poster session | Cardiology/nephrology**  
**Date**: Tuesday, 09 October 2018  
**Time**: 14:45 - 15:30

**Abstract 236**: Pregnancy In Renal Transplant Patients: Renal Function Markers And Maternal-Fetal Outcomes  
Vidiri, Camila (Brazil)

**Abstract 234**: Maternal cardiovascular function at 35-37 weeks' gestation: Normal vs Hypertensive disorders of pregnancy  
Guy, Gavin (London, United Kingdom)

**Abstract 74**: Central and uterine haemodynamics in hypertensive disorders of pregnancy  
Khalil, Asma (London, United Kingdom)

**Abstract 21**: 3d versus 2d echocardiography assessment of maternal cardiac remodeling in gestational hypertension  
Ilic, Aleksandra (Novi Sad, Serbia and Montenegro)

**Abstract 376**: (ISSHP) Evaluation of urinary biomarkers to develop a new method for screening of preeclampsia - Systematic Review and Meta-analysis  
Correa, Mauricio (Valdivia, Chile)

**Abstract 60**: Blood Pressure after PREeclampsia/HELLP by SELF monitoring (BP-PRESELF): rationale and design of a multicenter randomized controlled trial  
Muijsers, Hella (Nijmegen, The Netherlands)

**Abstract 307**: Echocardiographic Assessment of Left Ventricular Systolic Function in Preeclampsia complicated by Pulmonary Oedema  
Langenegger, Eduard (Cape Town, South Africa)
Abstract 78: Cardiovascular risk factors in young women after hypertensive disorders during pregnancy
Chulkov, Vasilii (Chelybinsk, Russian Federation)

Abstract 182: Dye-densitometry analysis of maternal circulating blood volume and cardiac output in hypertensive disorder in pregnancy
Fujihara, Risa (Tokyo, Japan)

Abstract 156: Proteinuria concentration of pregnant women with preeclampsia: this value would be an indicator of pregnancy interruption?
Nomura, Eduardo Minoru (Botucatu - Sao Paulo, Brazil)

Abstract 268: A multimarker model for aberrant cardiac geometry after PE
Mohseni, Zenab (Maastricht, The Netherlands)

Abstract 147: Hypertensive disorders of pregnancy increase the risk for chronic kidney disease: A population based retrospective study
Oishi, Maika (Japan)

Abstract 12: Right ventricle in gestational hypertension
Stojsic, Snezana (Sremska Kamenica, Serbia and Montenegro)

Abstract 70: Repeatability of USCOM*-measured cardiac output in normotensive non-pregnant and pregnant women
Pettit, Franziska (Australia)

Abstract 119: The management of pregnant women with chronic kidney disease: An 8-year review in a tertiary care center
Mimura, Kazuya (Suita, Japan)

Poster session | Endothelium/lipids/oxidative stress
Date: Tuesday, 09 October 2018
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Abstract 73: Vitamin D enhances endothelial integrity and antagonizes inflammatory effects
Schröder-Heurich, Bianca (Hannover, Germany)

Abstract 337: Changes in endothelial glycocalyx between the first and third trimester in high-risk and low-risk pregnancies
Bruekers, Astrid (Maastricht, The Netherlands)

Abstract 209: The microvascular endothelial glycocalyx: impaired barrier function in preeclampsia with small gestational age neonates
Brands, Judith (Pittsburgh, United States of America)

Abstract 99: Concomitant intrauterine growth restriction alters the lipoprotein profile in preeclampsia
Contini, Christine (Freiburg, Germany)
Abstract 344: Pravastatin to treat early fetal growth restriction
Ferrer Oliveras, Raquel (Barcelona, Spain)

Abstract 184: High density lipoproteins lose their antioxidant protective effect during pre-eclampsia.
Genoux, Annelise (Toulouse, France)

Abstract 115: Significance of systemic vascular disorders in gestational complications in pregnancy
Ayupova, Farida (Uzbekistan)

Poster session | Placenta Date: Tuesday, 09 October 2018
Time: 14:45 - 15:30

Abstract 195: Phenotype restoration of trophoblasts in preeclampsia by Low Level Light Therapy (LLLT)
Weihrauch, Dorothee (Milwaukee, United States of America)

Abstract 271: Imaging the Placental Glycocalyx
Down, Colin (Bristol, United Kingdom)

Abstract 152: Placental pathology and neonatal outcome in relation to uterine artery Doppler velocimetry in pregnancies complicated by placenta syndrome
Schiffer, Veronique (Maastricht, The Netherlands)

Abstract 153: Spiral arterial blood flow during pregnancy; a systematic review and meta-analysis
Schiffer, Veronique (Maastricht, The Netherlands)

Abstract 164: Evidence of senescence in post-mature and pathological human placentas; a possible contributing factor in pre-eclampsia?
Cindrova-Davies, Tereza (Cambridge, United Kingdom)

Abstract 336: Relationship between night time blood pressure measured using ambulatory monitoring and markers of placental function
Shawkat, Emma (United Kingdom)

Abstract 340: Quercetin protects against the vascular contractile effect of placental secreted messengers released under placental hypoxia
Vangrieken, Philippe (Maastricht, The Netherlands)

Abstract 290: Investigation of placental proteome of pregnant stroke-prone spontaneously hypertensive rats
Samji, Sheon (Glasgow, United Kingdom)

Abstract 170: Preeclamptic decidual stromal cells fail to decidualize during co-culture with placental villous explants
Deepak, Venkataraman (Atlanta, United States of America)

Abstract 107: Tonicity responses by TonEBP and SMIT in human primary term cytotrophoblasts
Klossner, Rahel (Bern, Switzerland)
**Abstract 10:** Angiotensin ii modulates the pathogenesis of preeclampsia through sflt-1 production from extravillous cytotrophoblast.
Matsubara, Yuko (Toon, Japan)

**Abstract 323:** Peculiarities of placental expression of erythropoethin in preeclampsia
Chulkov, Vasilii (Chelybinsk, Russian Federation)

**Poster session | Translational research**
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**Abstract 80:** Trans-resveratrol Increases Nitric Oxide and Heme-oxigenase-1 Production and Decreases ROS Levels In Endothelial Cells Incubated With Plasma From Preeclamptic Patients
Caldeira Dias, Mayara (Botucatu, Brazil)

**Abstract 249:** BKCa channels; a new target to treat maternal hypertension?
Worton, Stephanie (United Kingdom)

**Abstract 190:** Combination sulfasalazine and metformin are additive in reducing placental secretion of antiangiogenic factor sFlt
Brownfoot, Fiona (Melbourne, Australia)

**Abstract 90:** Catechol-O-methyltransferase deficiency leads to hypersensitivity on the pressor response against angiotensin II
Ueki, Norikazu (Tokyo, Japan)

**Abstract 110:** Preeclamptic plasma affects gene expression in human endothelial cells and vascular smooth muscle cells
Lip, Simone (Groningen, The Netherlands)

**Abstract 314:** Maternally Sequestered Biologics for Treatment of Preeclampsia
Bidwell, Gene (Jackson, United States of America)

**Abstract 58:** A peptide antagonist in a genetic rat angiotensinogen x renin model of preeclampsia
Haase, Nadine (Berlin, Germany)

**Abstract 322:** Pharmacokinetics of Placental Protein 13 (PP13) after intravenous and subcutaneous administration in rabbits
Meiri, Hamutal (Tel Aviv, Israel)

**Abstract 32:** Potential therapeutic in preeclampsia: effect of resveratrol on endothelial cells incubated with plasma from pregnant before clinical onset of disease
Sandrim, Valeria (Botucatu, Brazil)
Abstract 456: Neonatal asphyxia diagnosis in newborns of pregnancies with hypertensive disorders attended at a School Hospital in Porto Alegre/RS, Brazil: a retrospective cross-sectional study.
Ramos, José Geraldo (Brazil)

Abstract 457: Comparison between newborn’s arterial blood gas analyses of various hypertensive disorders in pregnancy: a retrospective cross-sectional study.
Ramos, José Geraldo (Brazil)

Abstract 458: Continuous versus discontinuous Magnesium Sulphate treatment during expectant management of severe preeclampsia
García-Ruiz, Itziar (Spain)

Abstract 440: Maternal hepatic perfusion in patients with hypertensive disorders of pregnancy and HELLP syndrome
Kawabata, Ikuno (Tokyo, Japan)

Abstract 442: Characterization of ELABELA in pregnancy during women with chronic hypertension
Malha, Line (New York, United States of America)

Abstract 460: Preeclampsia and Gestational Hypertension: Role of Anti-angiogenic factors, sFlt-1 and sEng
Siddiqui, Athar (Hyderabad, India)

Abstract 439: Trophoblasts-specific Atg7 knockout-mediated poor placentation resulting in gestational hypertension in dams.
Nakashima, Akitoshi (Toyama city, Japan)

Abstract 463: Combining Metabolite Biomarkers and Placental Growth Factor Yields a Prognostic Test for Preterm Pre-eclampsia.
Kenny, Louise (Liverpool, United Kingdom)

Abstract 464: Safety Of Amlodipine In Early Pregnancy
Mito, Asako (Tokyo, Japan)

Abstract 426: Is Automated Blood Pressure Monitoring Reliable In Pregnancy?
Kukreja, Hemapriya.L (Mysore, India)

Abstract 466: Maternal and fetal complications in post kidney transplantation (KT) women
Kirsanova, Tatyana (Moscow, Russian Federation)

Abstract 423: Uterine vessels vasodilation effect of Placental Protein 13 (PP13) after subcutaneous slow-release administration in rats
Drobnjak, Tijana (Reykjavik, Iceland)
Abstract 470: Confirmation that the placenta is a significant source of circulating PlGF in normal pregnancy
Cerdeira, Ana Sofia (Oxford, United Kingdom)

Abstract 422: The Eclampsia Maternal Mortality In Dr Soetomo General Hospital January 2015 – December 2017: Evidence From Dr Soetomo General Hospital
Wicaksono, Budi (Surabaya, Indonesia)

Abstract 471: Disruption of the balance of oxidative stress-associated angiogenesis in preeclampsia may cause future cardiovascular complications: VEGFR/Flt1 point-of-view
Matos, Andreia (Lisboa, Portugal)

Abstract 472: Severe maternal morbidity: the impact of hypertensive syndromes
Pereira de Sousa, Francisco Lázaro (Brazil)

Abstract 473: Relation between sFlt-1/PlGF ratio and clinical decision making in pregnancies with placental disease – a real world analysis
Andraczek, Theresa (Leipzig, Germany)

Abstract 474: Mild preeclampsia delivery at 37 week: Epidemiological profile and perinatal outcomes
Souza, Francisco Lázaro P. (Brazil)

Abstract 459: Risk Of Preeclampsia In Women With Placenta Percreta
Narvaez Domínguez, Victor Eduardo (Mexico City, Mexico)

Abstract 445: Impact of gestational weight gain on the incidence of preeclampsia in obese women
Premru-Srsen, Tanja (Ljubljana, Slovenia)

Abstract 476: Epidemiological profile and perinatal outcomes among types of clinical hypertension presentation in pregnancy
Souza, Francisco Lázaro P. (Brazil)

Abstract 477: Preventive subfascial application of absorbable hemostatic material in patients with HELLP syndrome may help to reduce the incidence of wound complications
Simetka, Ondrej (Ostrava, Czech Republic)

Abstract 478: The effect of changing food habits on the management of hypertension in pregnant women
Namaki, Atefeh - (Urmia, Iran)

Abstract 462: Comparison of long-term neurological prognosis in the children born from mothers with hypertensive disorders of pregnancy and intracranial imaging by MRI
Kusabiraki, Tae (Toyama City, Japan)

Abstract 455: The Characteristic of PE (Preeclampsia) Complication at Lupus on Pregnancy
Dachlan, Erry Gumilar (Surabaya, Indonesia)

Abstract 424: Vegf Functionalized Beads In Microfluidic Device To Restore The Physiological Sflt-1/Plgf Balance In Preeclampsia
Lecarpentier, Edouard (Créteil, France)
Abstract 461: Silibinin Downregulates The Inflammatory Response In Monocytes Of Pregnant Women With Preeclampsia
Gomes, Virginia (Botucatu, Brazil)