

FINAL PROGRAMME

<u>Time</u>	<u>WEDNESDAY 10 SEPTEMBER 2008</u>	<u>Room</u>
12.00-19.00	Registration	Congress Centre Foyer
14.30-15.00	Conference Opening	Convention Hall
14.30-14.40	<u>Berthold Huppertz</u> , Medical University of Graz, Austria	
14.40-14.50	<u>Helmut Hirt</u> , Landesrat Mag, Government of Styria, Austria	
14.50-15.00	<u>Josef Smolle</u> , Rector of the Medical University of Graz, Austria	
15.00-17.0	Symposium 1: Evolution of Placental Function <u>Anthony M. Carter</u> (Chair)	Convention Hall
15.00-15.30	Reasons for diversity of placental structure <u>Allen C. Enders</u> , University of California at Davis, USA	
15.30-16.00	Evolution of different strategies for the maintenance of pregnancy and initiation of parturition by the placenta <u>John R. G. Challis</u> , University of Toronto, Canada	
16.00-16.30	Evolution of the immunological response to pregnancy: comparative aspects of lymphocyte recruitment to implantation sites <u>B. Anne Croy</u> , Queens University, Canada	
16.30-17.00	Evolution of mechanisms for placental oxygen exchange <u>Anthony Carter</u> , University of Southern Denmark, Denmark	
17.00-17.30	Coffee	Congress Centre Foyer, both levels
17.30-19.00	New Investigator Session I Chairs: Vibeke Dantzer and Stacy Zamudio	Convention Hall
17.30-17.45	Evidence for a role of adiponectin in trophoblast function (#307) <u>E.A. McDonald*</u> , <u>M.W. Wolfe</u> ; University of Kansas Medical Center, USA	
17.45-18.00	DREAM a novel transcriptional regulator of glial cell missing 1 (GCM1) exhibits its calcium dependent function in the human trophoblast turnover <u>D. Baczyk*</u> , <u>S. Drewlo</u> , <u>S. Lye</u> , <u>J. Kingdom</u> ; Samuel Lunenfeld Research Institute, Canada	
18.00-18.15	Caspases rather than calpains regulate fusion of BeWo cells and primary trophoblast as visualised by fodrin cleavage <u>M Gauster*</u> ¹ , <u>M Siwetz</u> ¹ , <u>G Desoye</u> ² , <u>B Huppertz</u> ¹ ; ¹ Institute of Cell Biology, Histology and Embryology; ² Clinic of Obstetrics and Gynecology; Medical University of Graz, Austria	
18.15-18.30	Expression and regulation by the nuclear receptor PPARγ of the alpha and beta subunits of human chorionic gonadotropin: comparative study between villous and invasive extravillous trophoblastic cells <u>M Cocquebert*</u> ^{1,2} , <u>K Handschuh</u> ^{1,2} , <u>J Guibourdenche</u> ^{2,3} , <u>V Tsatsaris</u> ^{2,4} , <u>D Evain-Brion</u> ^{1,2} , <u>T Fournier</u> ^{1,2} ; ¹ INSERM, U 767, ² PremUP, Fondation, ³ APHP, Diagnostic prénatal, ⁴ AP-HP, Maternité Port-Royal, Hôpital Cochin, France	

18.30-18.45	<p>Mcl-1 ubiquitin ligase E3 (MULE) is a target for hypoxia inducible factor 1 alpha (HIF1alpha) <i>A Rolfo*1, M Post3,4, I Caniggia1,2; 1Department of Obstetrics and Gynecology, Samuel Lunenfeld Research Institute, Mount Sinai Hospital, 2Department of Physiology, 3Hospital for Sick Children, 4Department of Pediatrics, University of Toronto, Canada</i></p>	
18.45-19.00	<p>Pre-eclampsia susceptibility gene STOX1 in migration and invasion of extravillous trophoblasts <i>M van Dijk*1,2, C Dunk1, CBM Oudejans3, SJ Lye1,2; 1Samuel Lunenfeld Research Institute, Mount Sinai Hospital, 2Department of Physiology & Obstetrics and Gynaecology, University of Toronto, Canada, 3Department of Clinical Chemistry, VU University Medical Center, Netherlands</i></p>	
19.00-20.00	<p>Regional Association Business Meetings (ANZPRA/EPG/JPA/PAA) ANZPRA EPG JPA PAA</p>	<p>Mirror Hall Convention Hall Room Brenner 1 Styria Hall</p>
20.00-23.00	<p>Welcome Reception</p>	<p>Restaurant/Foyer</p>

<u>Time</u>	<u>THURSDAY 11 SEPTEMBER 2008</u>	<u>Room</u>
07.00-08.00	Breakfast (residential delegates only)	Restaurant
08.00-10.00	Workshop Sessions	
08.00-10.00	Workshop 1: Immunology of placentation <i>Surendra Sharma, Brown University, USA</i>	Convention Hall
08.00-10.00	Workshop 2: Galectins, chemokines and trophoblast invasion <i>Samar Marai, Ort Brauda College and Diagnostic Technologies</i> <i>Hamutal Meiri, Diagnostic Technologies Ltd., Yoknean, Israel</i> <i>Harvey Kliman, Yale University, USA</i>	Mirror Hall
08.00-10.00	Workshop 3: Signaling in implantation and invasion <i>Asqi Fazleabas, University of Illinois, Chicago, USA</i> <i>Claire Roberts, University of Adelaide, Australia</i>	Styria Hall
10.00-10.30	Coffee	Congress Centre Foyer
10.30-11.30	State of the Art Lecture <i>Annetine Staff, Oslo, Norway (Chair)</i>	Convention Hall
10.30-11.30	The two stage model of preeclampsia: Variations on the theme <i>James Roberts, University of Pittsburgh, USA</i>	
11.30-12.00	Trophoblast Research Award Lecture Chairs: Les Myatt and Masaomi Takayama A story of life and death: The dual role of Mtd/Bok in trophoblast cell fate <i>Jocelyn Ray, University of Toronto, Canada</i>	Convention Hall
12.00-13.30	Lunch	Restaurant
13.30-14.00	Lunch-time Workshop How to write a grant <i>D. Michael Nelson, Washington University, St. Louis, USA</i>	Styria Hall
14.00-16.00	Attended Poster Session I (including Coffee at 15.00)	Poster rooms 1-6
16.00-17.30	New Investigator Session II Chairs: Irene Cetin and Terry Mayhew	Convention Hall
16.00-16.15	Altered maternofetal clearance and fetal accretion of calcium in placental specific Igf2 (P0) knockout mice <i>M R Dilworth*1, E Cowley1, R D Boyd1, S M Husain2, A Requena Jiminez1, B S Ward1, C P Sibley1, M Constância3, J D Glazier1, et al; 1Maternal and Fetal Health Research Group, School of Clinical and Laboratory Sciences, University of Manchester, 2Barts and London School of Medicine and Dentistry, University of London, UK, 3Institute of Metabolic Science, University of Cambridge, UK</i>	
16.15-16.30	Downstream targets of homeobox gene HLX are significantly altered in idiopathic human fetal growth restriction <i>G Rajaraman*1,2, P Murthi1,2, S P Brennecke1,2, B Kalionis1,2; 1University of Melbourne, Department of Obstetrics and Gynaecology, 2Royal Women's Hospital, Pregnancy Research Centre, Australia</i>	
16.30-16.45	Oxygen tension regulates the expression of chemokines and their receptors at the maternal-fetal interface <i>A Schanz*1,2, K Red-Horse3, AP Hess1, JS Krüssel1, SJ Fisher2; 1Heinrich-Heine-University Düsseldorf, Department of</i>	

OBGYN, Germany, 2UCSF Department of Cell and Tissue Biology, 3Stanford University, Division of Neonatology and Developmental Medicine, USA

- 16.45-17.00 **Mt1-MMP expression in the placenta at term is altered in gestational diabetes**
*U Hiden*1, N Ghaffari-Tabrizi1, I Cetin2, U Lang1, G Desoye1; 1Dept Ob/Gyn, Medical University Graz, Austria, 2Dept Ob/Gyn, University of Milano, Italy*
- 17.00-17.15 **Islet neogenesis from full term placental stem cells – A step towards cell replacement therapy in Diabetes**
*S Kadam*1, S Patki2, A Hardikar1, R Bhonde1; 1National Center for Cell Science, India, 2Patki Research Center and Hospital, India*
- 17.15-17.30 **Evidence for a role for immune cells in decidual spiral artery remodelling in early pregnancy**
*SD Smith*1, CE Dunk1,2, LK Harris1, JD Aplin1, RL Jones1; 1University of Manchester, UK, 2University of Toronto, Canada*
- 17.30-18.30 **Free Time** (IUGR Discussion Group in Room Brenner 1)
- 18.30-20.00 **Dinner** Restaurant
- 20.00-22.00 **Free Poster Session** with drinks at cash bar Poster rooms 1-6

<u>Time</u>	<u>FRIDAY 12 SEPTEMBER 2008</u>	<u>Room</u>
07.00–08.00	Breakfast (residential delegates only)	Restaurant
08.00-10.00	Workshop Sessions	
08.00-10.00	Workshop 4: Trophoblast: Markers to identify subpopulations Convention Hall <i>Graham Burton, University of Cambridge, UK</i> <i>Larry Chamley, University of Auckland, New Zealand</i>	
08.00-10.00	Workshop 5: Clinical correlates of placental pathologies <i>Sarah Keating, University of Toronto, Canada</i> <i>Mark Turner, University of Liverpool, UK</i>	Styria Hall
08.00-10.00	Workshop 6: Toxicology testing using the human placenta for evaluation of human health risk <i>Kathleen Shiverick, University of Florida, USA</i> <i>Richard K. Miller, University of Rochester, USA</i>	Mirror Hall
10.00-10.30	Coffee	Congress Centre Foyer
10.30-12.0	Symposium II: Aetiology of Preeclampsia: Old Concepts & New Hypotheses <i>Berthold Huppertz & Chris Redman</i> (Chairs)	Convention Hall
10.30-11.00	Placental stress, and beyond <i>Christopher Redman, University of Oxford, UK</i>	
11.00-11.30	Placental endoplasmic reticulum stress in intrauterine growth restriction and preeclampsia; a difference in degree? <i>Graham Burton, University of Cambridge, UK</i>	
11.30-12.00	Challenging the current hypothesis on the placental origin of preeclampsia <i>Berthold Huppertz, Medical University of Graz, Austria</i>	
12.00-13.30	Lunch	Restaurant
13.30-14.00	Lunch-time Workshop How to write a paper <i>D. Michael Nelson, Washington University, St. Louis, USA</i>	Styria Hall
14.00-16.00	Attended Poster Session II (including Coffee at 15.00) Poster rooms 1-6	
16.00-16.45	Gabor Than Award Lecture Chairs: Greg Rice and Colin Sibley	Convention Hall
16.00-16.45	From placental oxidative stress to maternal endothelial cell activation <i>Tereza Cindrova-Davies, University of Cambridge, UK</i>	
16.45-17.30	New Investigator Session III Chairs: Kathleen Shiverick and Christiane Pfarrer	Convention Hall
16.45-17.00	Expansion of the fetoplacental vascular tree in late gestation is strain dependent in mice <i>MY Rennie*1,3, KJ Whiteley2, F Kabir1, SL Adamson2,4, JG Sled1,3; 1Mouse Imaging Centre, Hospital for Sick Children, 2Samuel Lunenfeld Research Institute, Mount Sinai Hospital, 3Department of Medical Biophysics, 4Departments of Physiology and Ob/Gyn, University of Toronto, Canada</i>	

17.00-17.15	DC-SIGN+ dendritic cells at the porcine maternal-fetal interface are angiogenic <i>NF Linton*1, JM Wessels1, S Crossen1, B. A. Croy1,2, C Tayade1; 1University of Guelph, 2Queen's University, Canada</i>	
17.15-17.30	Scavenger receptor class B type-I is differentially expressed between arterial and venous endothelial cells in human term placenta <i>M Augsten*1, U Hiden1, I Lang2, U Lang1, G Desoye1, C Wadsack1, et al; 1Clinic of Obstetrics and Gynaecology, 2Institute of Cell Biology, Histology and Embryology, Medical University Graz, Austria</i>	
17.30-18.30	IFPA Annual General Meeting	Convention Hall
18.30-20.00	Dinner	Restaurant
20.00-23.00	Styrian Wine Tasting with bonfire and music from Rhiannon	Wine Cellar

<u>Time</u>	<u>SATURDAY 13 SEPTEMBER 2008</u>	<u>Room</u>
07.00–08.00	Breakfast (residential delegates only)	Restaurant
08.00-10.00	Workshop sessions	
08.00-10.00	Workshop 7: How to quantify placental structure using stereology <i>Terry Mayhew, University of Nottingham, UK</i> <i>Tahera Ansari, Imperial College London, UK</i>	Mirror Hall
08.00-10.00	Workshop 8: Placental transport of fatty acids: Mechanisms and clinical implications <i>Gernot Desoye, Medical University of Graz, Austria</i>	Styria Hall
08.00-10.00	Workshop 9: Human placental mesenchymal stem cells <i>Dirk Strunk, Medical University of Graz, Austria</i> <i>Ingrid Lang, Medical University of Graz, Austria</i>	Convention Hall
10.00-10.30	Coffee	Congress Centre Foyer
10.30-12.00	Symposium III: Genetics and Proteomics in Pregnancy <i>Reynir Geirsson & Greg Rice (Chairs)</i>	Convention Hall
10.30-11.00	Arrays for placental macro- and micro-RNAs <i>Yoel Sadovsky, Washington University in St. Louis, USA</i>	
11.00-11.30	Isolation of cell surface proteins for proteomic display <i>John Robinson, Ohio State University, USA</i>	
11.30-12.00	Mass spectrometry based protein profiling <i>TBC</i>	
12.00-13.30	Lunch	Restaurant
13.30-14.00	Lunch-time Workshop How to submit a paper <i>Greyling Peoples, Elsevier, Amsterdam, The Netherlands</i>	Styria Hall
14.00-16.15	Symposium IV: Pregnancy Disorders (Dedicated to Professor Henning Schneider) Convention Hall <i>Irene Cetin & Richard K. Miller (Chairs)</i>	
14.00-14.15	An introduction to the career of Henning Schneider <i>Richard K. Miller, University of Rochester, USA</i>	
14.15-14.45	Why does dual in vitro perfusion of placental tissue work? <i>Henning Schneider, Bern, Switzerland</i>	
14.45-15.15	Malaria and pregnancy: Role of the placenta <i>Christopher L. King, Case Western Reserve University, USA</i>	
15.15-15.45	Fetal growth restriction: Implications for placental metabolism and transport <i>Irene Cetin, Università degli studi di Milano, Italy</i>	
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5.45-16.15	Pre-term labor: Characterizing the initiating factors <i>Greg Rice, University of Melbourne, Australia</i>	
16.15-16.45	Coffee	Congress Centre Foyer
16.45-18.45	Workshop sessions	

- 16.45-18.45 **Workshop 10: Different species with different placental solutions for fetal development and survival**
 Styria Hall
Vibeke Dantzer, University of Copenhagen, Denmark
Christiane Pfarrer, University of Veterinary Medicine Hannover, Germany
- 16.45-18.45 **Workshop 11: Trophoblast and neoplasia** Mirror Hall
Paul Bischof, University of Geneva, Switzerland
D Michael Nelson Washington University, USA
- 16.45-18.45 **Workshop 12: Trophoblast: Regulation of differentiation**
 Convention Hall
Ian Crocker, University of Manchester, UK
Sascha Drewlo, Samuel Lunenfeld Research Institute, Canada
- 18.45-19.30 **Free Time**
- 19.30-20.00 **Bus Transfer** to Gala Dinner Venue
- 20.00-23.00 **Gala Dinner and Awards Ceremony**
 Seifenfabrik in Graz – see separate timetable on page 12 for transportation details
- 23.00 **Bus Transfer** from Castle to Hotels