Poster Viewing Session 1 - Wednesday 6 September

Presenting aut		Title	Poster num
Cilia Tashlen	Abad Abel	The Impact of Systemic Inflammatory Response on Placental Tryptophan Metabolism in Wistar Rats Histological analysis of Vascular Endothelial Growth Factor Receptor 2 in the placenta of Preeclamptic and HIV infected women of African ancestry	P1.65 P1.43
Dinara	Afrose	Uric acid is a promising biomarker and target of preeclampsia	P1.58
aniel	Álvarez	Endothelial procoagulant activity and release of endothelial cell-derived extracellular vesicles driven by antiphospholipid antibodies	P1.66
isha	Amarsi	Single-cell RNA sequencing of the maternal hypothalamus reveals a distinct neuroendocrine transcriptome in pregnancy.	P1.24
imrita uan	Arcot Arroyo	Gestational Diabetes Mellitus and Placental Weight: A Systematic Review and Meta-Analysis Decreased RAGE and AXL receptor in the Placenta of ZIKA infected mothers.	P1.4 P1.61
imena S.	Beltrame	Altered gestational parameters and offspring health in a rat model of subclinical infection.	P1.01 P1.71
bby	Bergman	Investigating the role of an endogenous retroelement at the maternal-fetal interface	P1.28
lsa	Bernier	Circulating and placental inflammatory profile in early vs late preeclampsia	P1.34
reeparna	Bhaumik	Maternal Stress, Anxiety, And Depression Are All Associated With Increased Placental Glucocorticoid Receptor D1 Isoform Expression	P1.29
hilei	Bi	Kat8-mediated H4K16ac is essential in maintaining trophoblast stemness by regulating CDX2 expression	P1.84
raig	Bierle	CD4+ but Not CD8+ T Cells Are Required for Protection Against Severe Guinea Pig Cytomegalovirus Infection	P1.107
am ina	Blessen Fredrick Buerki-Thurnherr	Targeting Placental DEPTOR restores mitochondrial function in a mouse model of Intra Uterine Growth Restriction (IUGR) Nanoparticle interference with maternal-fetal communication at the placenta and subsequent impact on angiogenesis	P1.77 P1.20
indsay	Cahill	and neurodevelopment The impact of maternal exposure to micro-/nanoplastics on placental development, function and metabolism	P1.20
ascale	Chavatte-Palmer	The impact of matchine capital to manuplate to matchine construction of the matchine construction and metabolism Late gestation heat stress impairs placental microstructure in dairy cows	P1.30
Jan	Cheng	Oxidative stress microenvironment responsive multifunctional nanoparticles for targeted prevention and treatment preterm birth caused	P1.105
lice	Chibnall	by placental inflammation Regulating murine placental hormone production via the antagonistic function of imprinted genes Peg3 and Phlda2	P1.10
ally	Collins	A NOVEL METHOD FOR THE QUANTIFICATION OF MATERNAL MORBIDITY IN COMPLEX OBSTERIC SURGERY FOR PLACENTA ACCRETA SPECTRUM	P1.76
amille	Couture	Comparison of the placental inflammatory profiles across pregnancy complications	P1.52
iyuan	Cui	Circadian gene Rev-erba infuenced by sleep conduces to pregnancy by promoting endometrial decidualization via IL-6-PR-C/EBPB axis	P1.6
licia E.	Damiano	AQP4 AND AQP9 POSITIVE-EXTRACELLULAR VESICLES IN PREECLAMPSIA	P1.47
aylea	Davenport	IGF-1 Gene Therapy Attenuates Fetal Growth Restriction and Placental Insufficiency Through Sexually Dimorphic Mechanisms in a	P1.79
Iikulo	David	Guinea Pig Model THE FUNCTION OF C3 AND ADIPSIN IN THE SYNERGY OF HIV INFECTION AND PREECLAMPSIA	P1.37
1ikyle .nna L.	David	THE FUNCTION OF C3 AND ADIPSIN IN THE SYNERGY OF HIV INFECTION AND PREECLAMPSIA Maternal nutrient restriction in guinea pigs increases resistance in the umbilical artery at mid-gestation.	P1.37
nna L. ie	Eun Shin	Maternal Nutrient restriction in guinea pigs increases resistance in the unonincal artery at mic-gestation. Maternal Gestational Diabetes Influences DNA Methylation inthe Serotonin System in the Human Placenta	P1.48
ianca	Fato	The Brain Natriuretic Peptide (BNP) system is expressed in the placenta and vasculature in preclampsia: potential implications for	P1.51
		novel therapeutic strategies	
tíar	Fernández Boyano	Know Your Placenta: A Public Awareness Campaign with an Integrated Knowledge Translation (iKT) approach	P1.25
ladimira	Foteva	The role of the ubiquitous micronutrient molybdenum in the placental antioxidant response	P1.44
ans-Georg	Frank	Villous Trees in PE and FGR are altered in diverging, sexually dimorphic and syndrome specific patterns	P1.100
lison D. diti	Gernand	Protocol for Development of Software to Rapidly Assess Placenta Images at Birth	P1.1
diti yako	Godhamgaonkar Hashimoto	Early pregnancy oxidative stress is associated with shorter placental telomeres in preeclampsia Elucidating the mechanisms of maternal organ damage mediated by placenta-derived exosomes in preeclampsia.	P1.46 P1.27
unshen	He	Placental Diffusion Derived Vessel Density in Fetal Growth Restriction: A Functional Magnetic Resonance Imaging Study	P1.27
aoying	Huang	TMFa-GSDME mediated pyroptosis in placental trophoblast contributes to systemic inflammation in EDPE patients.	P1.50
eorge	Hutchinson	Effects of maternal blood supply on IVIM parameters in Diffusion Weighted Magnetic Resonance Imaging	P1.16
icholas P.	Illsley	Development of a scoring metric for the epithelial-mesenchymal transition (EMT) in trophoblast differentiation	P1.83
licia	Jawerbaum	Impaired microRNA-21 and prolactin receptor levels in the decidua of the prepubertal offspring of diabetic rats are prevented by maternal diets enriched in olive oil	P1.5
latalie	K Binder	Therapeutic intervention to alleviate long-term cardiovascular risk following preeclampsia	P1.102
eena	Kadam	Sexually dimorphic alterations in placental senescence pathways in Gestational Diabetes Mellitus (GDM)	P1.103
ampada	Kallol	Stem cell and differentiation potential of term cytotrophoblast	P1.108
ornelia	Kampfer	The number of trophoblast-derived particles in the intervillous space is higher in female than in male normal human placentas	P1.55
ornelia	Kampfer	Fibroblast activating protein (FAP) is reduced in FGR in regions of the villous tree with disturbed differentiation of perivascular myofibroblasts	P1.56
leva ubhradip	Kandzija Karmakar	Using isolated mitochondria to improve placental bioenergetics: A potential treatment for Fetal Growth Restriction (FGR) ROLE OF CORTISOL ON HUMAN TROPHOBLAST INVASION AND DIFFERENTIATION	P1.106 P1.86
laemin	KIM	Model or Contraction Information Information International Information	P1.67
		among Early Spontaneous Preterm Birth.	
avis	Laundon	Comparative placentation from a three-dimensional and multiscale structural perspective	P1.97
huwen	Lei	Development of novel AOX1 inhibitors to prevent or reverse placental oxidative damage	P1.78
Jiaxin	Li	Single-cell multi-omic analysis reveals imprinted gene PEG10 activation and epigenetic reprogramming associated	P1.45
	Lindsov	with developmentally delayed trophoblasts cell and impaired spiral artery remodeling in preeclampsia	P1.99
cott u	Lindsay liu	Whole transcriptome spatial profiling reveals the location of distinct cell subtypes and novel biomarkers in the human term placenta Trophoblast DAB2 facilitated decidual VSMCs apoptotic through reprograms VSMCs phenotype switch	P1.99 P1.31
i	Lv	From 20 to 30 imagines: the fetal vascular malformation characterizes fetomaternal hemorrhage placentas	P1.89
aruka	Matsui	Investigation of the involvement of placental epigenetic regulation via histone methyltransferases in preeclampsia	P1.98
shley	Meakin	Placentome- and sex-specific differences in glucocorticoids and their receptor variants in the growth restricted sheep	P1.49
ulie	Moore	Inflammation, coagulation, and oxidative stress in malaria-induced pregnancy compromise	P1.59
ulie	Moore	Necroptosis associates with infection severity and birth outcomes in placental malaria	P1.72
hristopher	Moraes	Mechanical stress patterns arising spontaneously during placental trophoblast fusion can be tuned to enhance and direct fusion events	P1.95
1buso	Mthembu	Plasma concentrations of Asymmetric Dimethylarginine in Endothelial injury in HIV associated Precedampsia.	P1.36
rpita	Mukhopadhyay	Human placental expression of peroxisome proliferator-activated receptors gamma (PPAR-γ): fetal sex-specific relations with fetoplacental growth	P1.8
iara	Murphy	In vitro investigation into the regulation and function of SPINT1, a biomarker for fetal growth restriction	P1.53
hajasvarie	Naicker	Advanced Abdominal Pregnancies co-infected with SARS-CoV-2 and HIV-1 Infections: a pathological preview	P1.63
litalia	Naidoo	Single nucleotide polymorphisms of neuropilin-1 in preeclampsia comorbid with HIV infection in women of African ancestry	P1.9
atsuhiko	Naruse	Backgorund, ultrasound screening and pathology of placenta membranacea: case series	P1.17
uth	Opoku	The effect of genetically reduced maternal myostatin on maternal, fetal and placental metabolites in late gestation mice.	P1.19
oreen	Padan Ben Yashar Pan	Transglutaminase 2 (TG2) expression in placentae of murine gestational hypoxia Azithromycin disturbs steroid hormone biosynthesis via ER stress in human placental trophoblasts	P1.32 P1.91
an riyadarshini	Pantham	Azitnromycin disturbs steroid normone biosyntnesis via EK stress in numan placental trophoblasts Transcriptomic Profiling of Urinary Extracellular miRNAs in Preeclampsia	P1.91 P1.38
riyadarshini	Pantham	Modeling Placental-Renal Interactions in Precedampsia using a 3D Microphysiological Cell Culture System	P1.104
hristiane	Pfarrer	Volume analysis and three-dimensional imaging of the migration process of bovine trophoblast giant cells at mid and end of gestation	P1.96
asha	Post	Human Adaptation to High Altitude via Tripartite Methylation at an Intronic CACNA1C CpG-SNP in the Placenta	P1.11
ijay	Pratap Singh	c-Myc promotes polyploidy in murine trophoblast cells and suppresses senescence.	P1.82
alaji	Rao	Derivation of human trophoblast stem cells from placentas at birth	P1.74
tephen laire	Renaud Richards	Decidual stromal cells promote invasiveness of extravillous trophoblast cells: a potential role for osteopontin Evaluating gene delivery technologies to investigate the role of FKBPL in trophoblast function and the therapeutic potential of mesenchymal	P1.85 P1.54
iuli C	michalus	Evaluating gene delivery technologies to investigate the role of FKBPL in trophoblast function and the therapeutic potential of mesenchymal stem cell-derived extracellular vesicles	P1.54
ulienne	Rutherford	Vaccination by a Zika purified inactivated virus both before and during pregnancy in the common marmoset monkey is associated	P1.62
		with relatively normal placental morphology: a preliminary stereological analysis	
arolin	Schliefsteiner	Human placental Hofbauer cells have distinct functional features and omit re-polarization in vitro	P1.64
on	Schoorlemmer	Comparison of placental gene expression in COVID-19 and PE patients: markers representative of inflammation and endothelial damage	P1.35
on	Schoorlemmer	Placental gene expression in pregnant women who suffered an episode of COVID-19 disease as a function of the trimester of infection,	P1.60
1.		SARS-CoV-2 variants and preclampsia	
drienne	Scott	Image-based modeling workflow to relate changes of villous structure to changes in function Draget-based modeling or d its expectation in the change of the structure to change of the structure of the structure is the structure of the structure is the structure of the structure of the structure is the structure of the structure of the structure is the structure of the structure	P1.2
erisha umaiwah	Sewnarain	Placental progesterone and its receptor in HIV-infected pre-eclamptic women	P1.39
umaiyah	Shaha	Atypical protein kinase C isoforms promote human syncytiotrophoblast fusion	P1.87
hoohana unil	Singh Singh	Placental AT1R, AT2R and AT4R immunoexpression in Preeclamptic HIV-infected women: A morphometric image analysis. UPM-mediated epigenetic modifications disrupt invasion and differentiation in placental trophoblast cells: Investigating the impact	P1.40 P1.88
ar111	Jingn	of environmental air pollution on placental and fetal health.	r1.88
	Smith	Sex-specific analysis of placental gene expression in late-onset preeclampsia	P1.101
Ielanie			1. 2.101
1elanie ijayalakshmi	Srinivasan	Comparing the effects of feto-placental vascular branching on haemodynamics in rodent placentas and human cotyledons	P1.3

Kathryn	Storey	Effect of Murine Placental Secretions on Islet Beta Cell Adaptations in Normal and GDM Pregnancies	P1.33
Cherlyn	Tan	Non-CpG Methylation in the Placenta	P1.13
Yasuhiro	Tanaka	Macrolide antibiotics enhance the oxidative stress tolerance of trophoblasts.	P1.81
Yunhui	Tang	Comprehensively analysis of the role of proteins carried by placental extracellular vesicles in maternal vascular adaptation	P1.23
Amelia	Tanner	Acute fetal hyperglucagonemia decreases fetal amino acid concentrations but fails to inhibit uterine blood flow, placental nutrient	P1.22
		and oxygen transport, or placental glucose and oxygen utilization.	
Bridget	Tsai	Changes in abundance of proteins associated with EV biogenesis, and nuclear health in extracellular vesicles from human placentae exposed	P1.26
		to antiphospholipid antibodies.	
Anandita	Umapathy	The heart-placenta axis is dysregulated in a conditional Hand1 mutant model of FGR	P1.15
Shuxian	Wang	Composition of Circulating Short-Chain Fatty Acids in Gestational Diabetes Mellitus and Their Associations with Placental	P1.41
		Immune-Metabolic Responses	
Wang-sheng	Wang	DNMT1-mediated DNA methylation contributes to CYP11A1 expression in progesterone synthesis in placental trophoblast syncytialization	P1.90
Jessica	Weng	Functional analysis of HMGB1 at the maternal-fetal interface	P1.69
Jessica	Weng	Cell-specific inflammatory profile at the maternal-fetal interface in spontaneous and iatrogenic preterm and term birth	P1.70
Rebecca L.	Wilson	Nanoparticle-mediated delivery of insulin-like growth factor 1 to the placenta in the non-human primate is safe and regulates	P1.75
		placental signaling	
Georgia	Wong	Characterising side population genes in placentas from patients with preeclampsia and/or fetal growth restriction.	P1.73
Sien	Yee Lau	Placental Extracellular Vesicles in Preeclampsia – Where do they go?	P1.42
Hannah Ee Juen	Yong	The in vitro effect of myo-inositol and scyllo-inositol on placental lipid metabolism	P1.80
Jee	Yoon Park	Placenta and Neonatal Lung Model on Microfluidic Analysis Platform (MAP) to Explore the Effects of Antenatal Corticosteroids	P1.93
Samantha	Zambuto	Trophoblast-mediated spatial changes in hydrogel matrix properties	P1.94
Cindy Xin Wen	Zhang	Effect of Increased Maternal Spleen-Liver Axis Inflammation during Obese Pregnancy on Placental Nutrient Transport	P1.21
Shuang	Zhang	Generating Functional Multicellular Organoids from Human Placenta Villi	P1.92
Davna	Zimmerman	The effects of metformin treatment for diabetes during pregnancy on placental mitochondrial function and fetal outcomes	P1.57

z