

SLIMP 2017 GENERAL PROGRAM (updated Jan 6, 2017)

SYMPOSIA

Theme	Speakers	Seminar title	Affiliation	Country
Role of thyroid hormones in pregnancy	Chair: Susan Bueno		P U Católica de Chile (PUC)	Chile
	Susan Bueno	The impact of thyroid hormone deficiency during pregnancy in infectious diseases	PUC	Chile
	Claudia Riedel	The physiological consequences of maternal thyroid hormone deficiencies in their offspring	U Andrés Bello	Chile
	Rodrigo Moreno-Reyes	Micronutrient deficiencies and the thyroid in pregnancy	U Libre de Bruxelles	Belgium
Pathogenesis of preeclampsia	Chair: Flavia Sacerdoti		UBA	Argentina
	Marijke Faas	Immune cells in the placental bed in pregnancy and preeclampsia	U Groningen	The Netherlands
	Alicia Damiano	New insights into the pathogenesis of preeclampsia: the role placental aquaporins	U Buenos Aires (UBA)	Argentina
	Michael Post	Lipid-endoglin interactions in preeclampsia	U Toronto	Canada
Early life programming	Chair: David Hill			
	Bredford Kerr	Exposure to an experience-dependent plasticity paradigm during pregnancy and lactation modulates offspring energy homeostasis	Centro de Estudios Científicos (CECs)	Chile
	Claudia Torres-Farfan	Gestational chronodisruption impairs circadian physiology in rat male offspring, increasing the risk of chronic disease	U Austral de Chile (UACH)	Chile
	Adriana Chicco	Can weaning dietary manipulation counteract the effect of poor nutrition during pregnancy and lactation?	U del Litoral	Argentina
Angiogenesis & vascular remodeling	Chair: Isabella Caniggia			
	Carlos Escudero	Is angiogenesis altered in the offspring of mothers with preeclampsia? Potential role of	U Bío-Bío	Chile

		A _{2A} adenosine receptor-nitric oxide-vascular endothelial growth factor pathway		
	Verónica Palma	Netrin-1 acts as a non-canonical angiogenic factor produced by human Wharton's Jelly Mesenchymal Stem Cells	U Chile	Chile
	Jan-Luuk Hillebrands	αKlotho in vascular (patho)physiology	U Groningen	The Netherlands
Key players at implantation	Chair: Telma Zorn			
	Alejandro Tapia-Pizarro	Hyperglycosylated chorionic gonadotropin as a modulating factor for embryo implantation and trophoblast invasion	U Chile	Chile
	M ^a Laura Ribeiro	Role of lipid mediators at the maternal-foetal interphase	UBA	Argentina
	Elisa Cebral	In vivo and in vitro models for implantation studies in maternal alcohol ingestion. Role of matrix metalloproteinases and cell adhesion molecules	UBA	Argentina
Infection, toxins, and pregnancy	Chair:			
	Cristina Ibarra	Virulence factors from Shiga toxin producing <i>E coli</i> could be one of the causes of fetal morbimortality	UBA	Argentina
	Estela Bevilacqua	<i>In vitro</i> infection of ZIKVirus in human trophoblast cells	USP	Brazil
	Ulrike Kemmerling	The epithelial turnover of the trophoblast constitutes a local placental innate immune response against <i>Trypanosoma cruzi</i>	UCH	Chile
Placental dysfunction and pregnancy outcome	Chair:			
	Ana M ^a Franchi	New strategies to prevent preterm birth	UBA	Argentina
	Claudia Pérez Leiros	Trophoblast cells regulate immune cell functional profile through VIP-mediated pathways	UBA	Argentina
Metabolic and endocrine modulators of pregnancy	Chair:			
	Barbra de Vrijer	Insight Inside: Imaging fetal adipose tissue development with 3D water-fat MRI	Western University	Canada
	Cecilia Varone	Role of leptin in the molecular physiology of the placenta	UBA	Argentina
	Edith Arany	Maternal dietary composition programs	LRI	Canada

		offspring pancreatic development reducing or increasing the risks of glucose impairment in adulthood		
Frontiers in maternal-fetal research	Mariana Farina	Participation of the endocannabinoid system in the pathophysiology of human placenta	UBA	Argentina
	Gonzalo Cruz	Reproductive and metabolic alterations in the progeny of obese rats: role of sympathetic nervous system	U Valparaíso	Chile
	Cecilia Soñora	β2GPI-specific antibodies induce pro-inflammatory mediators and tissue transglutaminase differential variant expression on trophoblast cells and monocytes-macrophages	U de la Republica	Uruguay
	Esteban Grasso	Relevance of the blastocyst conditioned media on immunotolerance: focus on the control of the inflammatory response	UBA	Argentina
	Romina Higa	Maternal treatments to prevent diabetic embryopathy	UBA	Argentina
	Fabián Pardo	Excessive gestational weight gain reduces the response to vasoactive molecules in human foetoplacental microvessels	U Valparaíso	Chile
	Jorgelina Varayoud	Lifestyle and fertility: how pesticides and cafeteria diet affects the uterine development and female fertility	U del Litoral	Argentina
	Flavia Sacerdoti	Shiga toxin during pregnancy and breastfeeding: Can human milk protect children from typical HUS?	UBA	Argentina
	Aline Lorenzon-Ojea	Stromal cell derived factor 2 and its role in endoplasmic reticulum stress in human trophoblast cells	USP	Brazil
	Evangelina Capobianco	Placental mTOR signaling in metabolic diseases	UBA	Argentina
PLENARY LECTURES				
David Hill	Metabolic adaptations in the mother for an optimal pregnancy outcome. What goes wrong in gestational diabetes?	LRI	Canada	
Gregory Rice	Developing screening modalities for improving pregnancy outcomes -	U Queensland	Australia	

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Alicia Jawerbaum	Postnatal consequences of impaired development in maternal diabetes	UBA	Argentina
Isabella Caniggia	Oxygen sensing: Novel epigenetic mechanisms	U Toronto	Canada
Telma Zorn	Long-term type 1 diabetes alters the deposition of some extracellular matrix molecules in the early pregnant myometrium of mice	USP	Brazil
Stacy Zamudio	Placental metabolic reprogramming induces adaptive maternal/foetal physiological responses to placental hypoxia	Hackensack University Medical Center (HUMC)	USA
Nick Illsley	Epithelial-mesenchymal transition: the basic mechanism behind trophoblast invasion	HUMC	USA
SLIMP 2015 PRIZE LECTURE			
Nathália Portilho	Characterization and distribution profile of hematopoietic cells in mouse placenta	USP	Brazil