



“Preterm Birth: an Update from Translational Medicine”

PROGRAMA

08:30 - 08:40: Welcome

Dr. Jose Poblete (Head, Division of Obstetrics and Gynecology Pontificia Universidad Católica de Chile)
Dr. Jose Galaz (Seminar Director, Pontificia Universidad Católica de Chile)

08:40 - 09:05: Epidemiology and pathophysiology of preterm birth

Dr. Jorge Carvajal, Pontificia Universidad Católica de Chile

09:05 - 09:30: Developmental Origins of Health and Disease in Preterm Birth: Opportunities for Interventions.

Dr. Paola Casanello, Pontificia Universidad Católica de Chile

09:30 - 09:55: Neonatal consequences of preterm birth: insights from the Neocosur Network.

Dr. Alberto Toso, Pontificia Universidad Católica de Chile

09:55 - 10:25: Diagnosis of intra-amniotic inflammation/infection: invasive and non-invasive approaches.

Dr. Marian Kacerovsky, Palacky University Olomouc, Czech Republic

10:25 - 10:55: Maternal-fetal cross-talk during term labor and preterm birth using single-cell RNA-seq (Virtual).

Dr. Nardhy Gomez-Lopez, Washington University in St. Louis, USA.

10:55 - 11:10: Coffee break and networking

11:10 - 11:35: Animal models of preterm birth

Dr. Marcelo Farías, Pontificia Universidad Católica de Chile.

11:35 - 12:00: Prediction of preterm birth: options beyond cervical length

Dr. Caterina Solari, Pontificia Universidad Católica de Chile

12:00 - 12:25: Preterm prelabor rupture of membranes (PPROM): management in a Chilean public Hospital.

Dr. Juan Pedro Kusanovic, Pontificia Universidad Católica de Chile

12:25 - 12:50: PPRM, preterm birth and intra-amniotic inflammation: novel and promising therapies.

Dr. Marian Kacerovsky, Palacky University Olomouc, Czech Republic

12:50 - 13:15: Maternal plasma cell-free RNA to predict obstetrical disease and fetal lung maturation.

Dr. Sebastián Illanes, Universidad de los Andes

13:15 - 13:40: The role of vitamin D in intra-amniotic inflammation

Dr. Jose Galaz, Pontificia Universidad Católica de Chile

13:40 – 14:00: Roundtable and open discussion with undergraduate and graduate students