

## Reproductive & Perinatal Biology Seminar

sponsored by

The D. H. Barron Reproductive & Perinatal Biology Research Program  
and the Perinatal Outcome Research Center  
(RPBO Seminar Series)

Fall 2017 Wednesday 4:00-5:00 PM

D.H. Barron Conference Room, Medical Sciences Building M-304

- September 6: *Improving the detection of risk factors for stillbirth: The Fetal Longitudinal Assessment of Growth (FLAG) study*  
**Teresa MacDonald, MBBS (Hons), BMedSci, FRANZCOG**  
Obstetrician and Gynaecologist, PhD Candidate  
Mercy Perinatal, Mercy Hospital for Women and Translational Obstetrics Group, Department of Obstetrics and Gynaecology,  
University of Melbourne, Australia
- September 13: **(no meeting)**
- September 20: *Hemodynamically Significant PDAs: Are Tissues Oxygen Saturations the Missing Piece to the Puzzle?*  
**Lauren Ruoss, MD**  
Assistant Professor, Department of Pediatrics  
University of Florida College of Medicine
- September 27: *Utilizing inflammatory markers for prediction and prevention of prematurity*  
**Mehmet Genc, MD, PhD**  
Professor, Division of Maternal-Fetal Medicine, Department of Obstetrics & Gynecology  
University of Florida College of Medicine
- October 4: *Intersex fish? Uncovering the molecular networks that initiate testis transformation following endocrine disruption*  
**Chris Martyniuk, PhD**  
Associate Professor, Center for Environmental and Human Toxicology & Department of Physiological Sciences  
University of Florida College of Veterinary Medicine
- October 11: *Power, Sex, Obesity: Tales of Mitochondrial ATP Transporters*  
**Naohiro Terada, MD, PhD**  
Professor, Department of Pathology, Immunology, & Laboratory Medicine  
University of Florida College of Medicine
- October 18: **Barron Lecture: Mechanisms Controlling Endothelial Adaptations Modulating of Uteroplacental Blood Flows during Gestation May Underlie Developmental Origins of Health and Disease (DoHAD)**  
**Ronald Magness, PhD**  
Director, Perinatal Vascular Research & Professor, Department of Obstetrics & Gynecology  
University of South Florida College of Medicine
- October 25: *Bovine Growth Hormone: Friend or Foe?*  
**Ricardo Chebel, DVM**  
Associate Professor, Dept. of Large Animal Clinical Sciences & Dept. of Animal Sciences  
University of Florida College of Veterinary Medicine

- November 1: *Cell-based therapies in pre-immune embryos to prevent inherited diseases of childhood: hypothesis driven studies*  
**Joaquin Santolaya-Forgas, MD, PhD**  
Clinical Professor, Department of Obstetrics & Gynecology  
University of Florida College of Medicine
- November 8: **Warnick Lecture:** *Transcriptional and epigenetic control of bovine preimplantation development*  
**Pablo J. Ross, PhD**  
Associate Professor, Department of Animal Science  
University of California Davis
- November 15: *Preimplantation development of bovine embryos and strategies to reduce pregnancy loss in dairy cattle*  
**Rafael Bisinotto, DVM, PhD**  
Assistant Professor, Department of Large Animal Clinical Sciences  
University of Florida College of Veterinary Medicine
- November 22: **(no meeting)**
- November 29: *Novel Mechanisms for Microbial Trafficking in the Late-Gestation Fetus: Challenging the Sterile Womb Hypothesis*  
**Michelle Rodriguez**  
Graduate Research Assistant, Department of Microbiology & Cell Science  
University of Florida Institute of Food and Agricultural Sciences
- December 6: *(Title TBA)*  
**Kirk Conrad, MD**  
Professor, Departments of Physiology & Functional Genomics and Obstetrics & Gynecology  
University of Florida College of Medicine