

Reproductive & Perinatal Biology Seminar
Sponsored by
The D. H. Barron Reproductive & Perinatal Biology Research Program
and the Perinatal Outcome Research Center (RPBO Seminar Series)
Spring 2020
Wednesday 4:00-5:00 PM
D.H. Barron Conference Room, Medical Sciences Building M-304

- January 22: Tissue-specific loss of insulin receptor signaling leads to infertility in mice
James MacLean II, PhD
Associate Professor
Department of Physiology, Southern Illinois University
- January 29: Ovarian follicular dysplasia in Florida Beef Cattle
John Roberts, DVM
Clinical Associate Professor
Department of Comparative, Diagnostic and Population Medicine,
University of Florida
- February 5: Developmental Programming of the Neuroendocrine System:
Implications for Animals and Humans
Rodolfo Cardoso, DVM, PhD
Assistant Professor
Texas A&M
- February 12: Determining If an Agent Causes Birth Defects – Using Zika Virus as an
Example
Sonja Rasmussen, MD, MS
Professor, Departments of Pediatrics and Epidemiology, University of
Florida College of Medicine and College of Public Health and Health
Professions
- February 19: Tissue-Resident Natural Killer Cells
Dorothy Sojka, PhD
Center for Reproductive Health Sciences
Washington University in St. Louis
- February 26: From Glowing Penis to Oocyte-Producing Testis: The Power of Mouse
Genetics on Reproductive Biology Research
Humphrey Hung-Chang Yao, PhD
Senior Principal Investigator, Reproductive Developmental Biology
Group, National Institute of Environmental Health Sciences (NIEHS/NIH),
Research Triangle Park, North Carolina

- March 4: **NO SEMINAR: Spring Break**
- March 11: Embryonic Development of the External Genitalia
Marty Cohn, PhD
Professor, Department of Molecular Genetics & Microbiology, University of Florida
- March 18: The sequelae of preeclampsia. What do the data show?
John Smulian, MD, MPH
B.L. Stalnakker Professor and Chair, Department of Obstetrics and Gynecology, University of Florida
- March 25: Identification of environmentally sensitive epigenomic signatures in sperm that are intergenerationally transmitted and associated with development and disease in offspring
Barron Lecture: Sarah Kimmins, PhD
Canada Research Chair in Epigenetics, Reproduction and Development, Departments of Animal Science and Pharmacology and Therapeutics, McGill University, Canada
- April 1: Serendipity in science: how a reproductive biologist found a new and unique brown adipose depot
Paul Cook, PhD
Professor and Chair
Department of Physiological Sciences, University of Florida
- April 8: Timing of induction of labor has no association birthing complications, neonatal complications nor rate of cesarean section in an University hospital
Tony Wen, MD
Professor, Department of Obstetrics and Gynecology, University of Florida
- April 15: **4 Repro Festival**, featuring platform presentations from “The D. H. Barron Reproductive & Perinatal Biology Research Program” trainees.
- April 22: Short- and long-term impacts of choline in the preimplantation bovine embryo produced in vitro
Eliab Estrada, PhD candidate
Department of Animal Sciences, University of Florida