KEYNOTE LECTURE
Trophoblast from Pluripotent Stem Cells: Can Induced Pluripotent Cells Provide a Glimpse into a Past Pregnancy?

R. Michael Roberts, PhD
Curator’s Professor, Animal Sciences
University of Missouri-Columbia
Columbia, MO

Molecular Mechanisms Involved in Pregnancy Establishment and Maintenance (Lessons from Mouse Models)

Francesco J. DeMayo, PhD
Dan L. Duncan Professor &
Gordon Cain Professor of Molecular and Cellular Biology
Baylor College of Medicine
Houston, TX

Courtney Griffin, PhD
Assistant Member, Cardiovascular Biology Research Program
Oklahoma Medical Research Foundation
Adjunct Assistant Professor of Cell Biology
University of Oklahoma Health Sciences Center
Oklahoma City, OK

Transcriptional Regulation of Vascular Development by Chromatin-Remodeling Complexes

Kyle Orwig, PhD
Associate Professor of Obstetrics, Gynecology & Reproductive Sciences, and Developmental Biology
University of Pittsburgh
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Michael S. Bloom, PhD
Assistant Professor of Environmental Health Sciences
University of Albany (SUNY)
School of Public Health
Rensselaer, NY

Environment and Assisted Reproduction: Do ‘Trace’ Exposures to Toxic Elements Interfere with IVF?

Bruce D. Murphy, PhD
Director of the Center for Research in Animal Reproduction
Veterinary Biomedicine
University of Montreal
St. Hyacinthe, Quebec, Canada

Fernando Pierucci-Alves, DVM
Research Assistant Professor of Anatomy & Physiology
College of Veterinary Medicine
Kansas State University
Manhattan, KS

Cellular Signaling by Transforming Growth Factor Beta in the Male Excurrent System - Evaluating the Potential for High Levels of Signaling Activity & Possible Impacts on Reproductive Function

Yoel Sadovsky, MD
Director, Magee-Womens Research Institute;
Elsie Hilliard Hillman Chair of Women’s Health Research; Professor of OB/GYN, Microbiology and Molecular Genetics, and Clinical and Translational Science
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Joan Riley, PhD
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Feto-placental Defense: A Macro Role for microRNAs

Uterine Natural Killer Cell Activation and Development