

MARTS 2017

THE MICHIGAN ALLIANCE FOR REPRODUCTIVE TECHNOLOGIES AND SCIENCES

8th ANNUAL MEETING, DETROIT, MI

Inviting the entire
Great Lakes Reproductive Sciences Community

Keynote Speakers



Stephen Matthews, PhD



Louis Muglia, MD, PhD



Clifford Librach, MD

October 12-13, 2017 Detroit, MI Schedule at a Glance

Thursday, October 12, 2017

5:00 p.m. Keynote Address Dr. Matthews

6:00 p.m. Reception

Friday, October 13, 2017

8:00 a.m. Registration & Breakfast

9:00 a.m. Keynote Address

10:00 a.m. Poster Session & Coffee

11:00 a.m. Selected Oral Presentations

Friday, October 13, 2017 (Continued)

12:06 p.m. Lunch & Poster Session

1:05 p.m. Selected Oral Presentations

2:10 p.m. Break

2:30 p.m. Keynote Address

3:40 p.m. Poster Session & Coffee

4:45 p.m. Awards & Closing Remarks

Hosted by –



School of Medicine

Department of Obstetrics
and Gynecology

More information at:

<http://go.wayne.edu/MARTS2017>



MARTS 2017

October 12 - 13, 2017 Detroit, MI

Detailed Schedule

Thursday, October 12, 2017

- 4:55 PM Introduction to Keynote Address by Dr. G. Saed
- 5:00 PM **Keynote Address - Dr. Matthews** Programming and Protection of the Fetal Brain
- 5:50 PM Closing Remarks
- 6:00 PM Reception and Poster Viewing
- 7:30 PM Reception Ends

Friday, October 13, 2017

- 8:00 AM Registration/Breakfast
- 8:45 AM Opening Remarks by Dr. Krawetz
- 9:00 AM **Keynote Address - Dr. Librach** Use of Reproductive Tissue Stem Cells for Both Reproductive and Non-Reproductive Disease Applications
- 10:00 AM Poster Session/Coffee
- Selected Oral Presentations**
- 11:00 AM Sandra Zoubovsky Hormonal Regulation of Amygdalar Corticotropin-Releasing Hormone in the Peripartum Period
- 11:11 AM Francesca Luca Functional Genomic Analysis of Preeclampsia
- 11:22 AM Deqiang Ding PNLDC1 Is Essential for piRNA 3' End Trimming and Transposon Silencing During Spermatogenesis in Mice
- 11:33 AM Micaela Stevenson Gestational Exposure to Bisphenol A Induces Oxidative Stress in the Metabolic Tissues of the Female Sheep Offspring
- 11:44 AM Alexander Shanku circuitSNPs: Predicting Effects of Genetic Regulatory Variants Using Deep Neural Networks
- 11:55 AM Stewart Russell Small RNAs in Spent Human Embryo Culture Media as Biomarkers of Embryo Implantation Potential
- 12:06 PM **Lunch/Poster Presentation**
- Selected Oral Presentations**
- 1:05 PM Ashley L. Severance PLK1 Regulates EIF4EBP1 Phosphorylation on Mouse Oocyte Spindles
- 1:16 PM Karen Wheeler Decidual VEGF can Recruit Macrophages and Induce M2 Polarization, which may Contribute to the Shift in Macrophage Polarity Seen in Preeclampsia
- 1:27 PM Brandon Wyse The Impact Single (hCG) or Dual (hCG + GNRH) Triggers have on the Cumulus Cell Transcriptome in Patients with a Normal Ovarian Reserve
- 1:38 PM Grace Swanson Genetics and Epigenetics of 5-Hydroxytryptamine Receptor 7 (HTR7) in the Stress and Immune Responses
- 1:49 PM Farwah Iqbal First Trimester Umbilical-Derived Umbilical Cord Perivascular Cells (FTM HUCPVC) in Combination with Endothelial Progenitor Cells (EPC) Induce Significantly Improved Angiogenic Response Compared to Single Cell-Type Treatments
- 2:00 PM Marta Godia Sperm RNA elements and boar sperm quality
- 2:10 PM **BREAK**
- 2:30 PM Keynote Speaker Introduction by Dr. N. Nayak
- 2:35 PM **Keynote Address - Dr. Muglia** The Genomics of Preterm Birth
- 3:40 PM **Poster Session/Coffee**
- 4:45 PM Awards/Closing Remarks



School of Medicine

Department of Obstetrics
and Gynecology



More information at: <http://go.wayne.edu/MARTS2017>

