Monday, May 17th

Post-Graduate Course: Advanced Techniques and Innovative Approaches at the Maternal-Fetal Interface

0900- Advanced techniques to study the maternal-fetal interface and potential translational applications
1200– PGC Luncheon
1300- Integrative studies to understand obstetrical complications
1800– Dinner with PGC Faculty

Tuesday, May 18th

ASRI Annual Meeting
0830- Opening Ceremony—Charles Wira, Troy Ott

0845- 30 Years of Reproductive Immunology Research
   Rudy Ansbacher— Reproductive immunology, 30 years and counting.
   Surendra Sharma— The present and future 30 years of reproductive immunology: A personal statement.
   Peter Hansen— Thinking outside the mouse: Domestic animals as models for reproductive immunology research.

1045- Immune System and Contraceptive Development
   Gary Killian— Long acting, single shot contraceptive vaccines for wildlife.
   Satish Gupta—Prospects of contraceptive vaccines for human and wildlife populations.
   Selected abstract
   Selected abstract

1400- Role of Epigenetics in Reproductive Biology
   Michael Skinner— Epigenetic, transgenerational actions of endocrine disrupters on reproduction and disease: Ghosts in your genome.
   Shawn Murphy— Histone deacetylases repress interferon gamma responsive gene expression in mouse trophoblast cells.
   Scott Coonrod— Role for PAD enzymes in epigenetic gene regulation in mammary gland development and breast cancer.

More information at: www.theasri.org or contact Troy Ott at tlo12@psu.edu
Tuesday, May 18th (Cont.)

1600 - President’s Symposium— HIV: Opportunities/Challenges
- Sharon Hillier — HIV: Opportunities/Challenges.
- Rupert Kaul — Genital immunology and HIV infection.
- Christina Ochsenbauer-Jambor — Susceptibility of cells from the female upper reproductive tract to infection by transmitted/founder HIV.

1830 - Opening Reception

Wednesday, May 19th

0830 - Trophoblast Immunology/Inflammation
- Margaret Petroff — Recognition of and response to fetal antigens by the mother.
- Francesco Tedesco — The complement system at the feto-maternal interface: A double-edged sword.

Selected Abstracts

1030 - Immunology of the Gonad/Gamete
- Joy Pate — Location, location, location: The luteal neighborhood directs T-cell functions.
- Masayuki Shimada — The innate immune functions of male and female germ cells: Expression of TLR family reduces the risk of fetal infection.

1200 - Luncheon Workshop

1400 - Angiogenesis and the Placenta
- Eugene Albrecht — Estrogen regulates uteroplacental vascularization in the primate.
- Donald Torry — Vascular modification and regulation of angiogenic growth factor expression by human trophoblast

Selected Abstracts

1630 - Blackwell - Munskgaard Lecture
- Koji Koyama — Gamete Immunology: Infertility and Contraception.

1700 - Poster Session/Wine & Cheese Reception

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Thursday, May 20th

0830- Sexually Transmitted Infections
Elisabeth Menu—Role of innate immunity in the natural control of HIV-1 mother-to-child transmission.
Kenneth Beagley—Hormonal regulation of chlamydial infections.

Selected Abstracts

1030- Metabolic-Endocrine-Immune System Interactions
Richard Legro—Polycystic ovary syndrome: Genetic, environmental, and immunologic influences.
Frank Bartol—Programming neonatal reproductive tract development: The lactocrine hypothesis.
Raghu Kalluri—The evolving role of the angiogenic program in pathogenesis of preeclampsia.

1200—Lunch

1330- John P. Gusdon Award Competition

Top 5 ranked abstracts will present 15 minute oral presentations.

1530- J. Christian Herr Lecture
Udo Markert—Regulation of trophoblast invasion: from signaling molecules to micro-RNAs.

1830- Awards Banquet—Closing Ceremony—Charles Wira

2010—J. Christian Herr Award
2010—Blackwell-Munksgaard Award
2010—John P. Gusdon Award

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