

**WRHR Scholars Meeting and**  
**WRHR Directors Meeting**  
**May 16 -17, 2005**  
**University of Cincinnati**

**Monday May 16<sup>th</sup>**

**Sabin Conference Center, Children's Hospital**

**Fifth Third Bank Auditorium**

- 7:30am Continental breakfast plus poster set up
- 7:55am Welcome – *Baha M. Sibai, M.D. – Univ. of Cincinnati, Chairman OB/GYN*  
**Introducing:** *Jane Henney, M.D. – Sr. VP & Provost Health Affairs Office, University of Cincinnati*
- 8:00am INVITED LECTURER  
*Timothy Crombleholme, M.D. – Director, Fetal Care Center of Cincinnati*  
“Fetal and Placental Gene Therapy”

**Oral Presentations - Chair: Baha M. Sibai, M.D.**

- 9:00am *Michal Elovitz, M.D., Univ. of Pennsylvania* – “Progestins and Preventing Preterm Birth: Unraveling the Mechanisms”
- 9:15am *Catalin Buhimschi, M.D., Yale Univ.* – “A Model of Myometrial Regeneration/Repair”
- 9:30am *Hassan Harirah, M.D., UTMB*– “Increased Apoptosis of the Chorion in Human Fetal Membranes is Associated with Labor”
- 9:45am *Sonia Hassan, M.D., Wayne State* – “The Uterine Cervix: Current Concepts in Pregnancy”
- 10:00am Break
- 10:25 am Housekeeping Announcements/Instructions - Leslie Myatt, Ph.D.

**Oral Presentations - Chair: Phyllis Leppert, M.D., Ph.D. – NICHD**

- 10:30am *William Freije, M.D., UCLA* – “Gene Expression Profiling Provides a Unified Model of Gliomagenesis that Links Chromatin Modifying Proteins to Cell Signal Aberration”
- 10:45am *Drew Tortoriello, M.D., Columbia Univ.* – “Dietary Induced Obesity and Hypothalamic Infertility”
- 11:00am *Aaron Caughey, M.D., UCSF*– “Which Discounting Model Best Fits Differences Between Standard Gamble and Time Trade-Off Metrics?”
- 11:15am *Thomas Gregory, M.D., OHSU* – “Pelvic Floor Nerve Injury After Vaginal Delivery”
- 11:30am *Radhika Ghatge, M.D. – UCHSC* – “Medroxyprogesterone Acetate: A Dual Function Hormone that is Both a Progestin and an Androgen in Breast Cancer Cells”
- 11:45-12:30 Lunch
- 12:30-2:00 Poster Session

## **Scholars**

### **Fifth Third Bank Auditorium**

- 2:00pm CAREER DEVELOPMENT DISCUSSION  
*Timothy Cripe, M.D., Ph.D., CCHMC, Director, Translational Research Trials*  
“Translational Research at Academic Health Centers: Promises and Perils”
- 3:00pm Break
- 3:30pm GRANT OPPORTUNITIES AND GRANTSMANSHIP  
*Leslie Myatt, Ph.D., Univ. of Cincinnati OB/GYN Maternal Fetal Medicine*  
“Grantsmanship – tips and tricks”
- 4:00pm FRONTIERS IN RESEARCH COURSE  
*Jerome Strauss, M.D., Ph.D., WRHR Program Director, University of Pennsylvania*
- 5:00pm Finish and Remove Posters

## **Principal Investigators and Program Directors**

### **Sabin Conference Center**

#### **Room D240**

- 2:00-5:00pm Directors Meeting
- 6:30pm Bus pick up at Hotel and Transfer
- 7:00pm Dinner cruise on Ohio River

**Tuesday May 17<sup>th</sup>**

**Auditorium, Children's Hospital Research Foundation – Room 3381**

8:00am Continental Breakfast

*Chair: Leslie Myatt, Ph.D. – Univ. of Cincinnati, OB/GYN/Maternal Fetal Med.*

8:30am INVITED LECTURER

*Sue Heffelfinger, M.D., Ph.D., Univ. of Cincinnati Pathology & Lab Medicine*  
"The Role of Angiogenesis in the Regulation of Mammary Tumor Formation"

**Oral Presentations** - *Chair: Estella Parrott, M.D., MPH, Program Director, Reproductive Medicine Gynecology Program – NICHD*

9:15am *Holly Richter, Ph.D., M.D., Univ. of Alabama/Birmingham* – "Academics After WRHR, One Graduate's Experience"

9:30am *Cheryl Saenz, M.D., Univ. of California/San Diego* – "Selective Targeting and Killing of Tumor Cells Expressing Tumor-associated Receptors by Transducible Anti-Cancer Peptides"

9:45am *Carol Choi, M.D., Univ. of Cincinnati* – "Gene Expression Profiling of Murine Bladder: Nulligravid vs. Pregnant"

10:00am *Kristina Adams, M.D., Univ. of Washington* – "Fetal Microchimerism: The Long-Term Immunologic Consequences of Pregnancy on Transplantation"

10:15am Break

10:30am NIH CAREER DEVELOPMENT AND RESEARCH OPPORTUNITIES  
Dr. Estella Parrott and Dr. Phyllis Leppert

11.30 Depart for airport

**WRHR Scholars  
Poster Presentations**

1. Germline Expression of Mammalian CTF18: an Evolutionary Conserved Protein Required for Germ Cell Proliferation in the Fly  
*Karen Berkowitz, M.D. – University of Pennsylvania*
2. Association of Genetic Polymorphisms, Hormone Levels and Symptoms During the Menopausal Transition  
*Clarisa Gracia, M.D. – University of Pennsylvania*
3. Expression of HOXA11 Gene in Women With and Without Pelvic Organ Prolapse  
*Kathleen Connell, M.D. – Yale University*
4. Developing a More Cost-Effective Strategy for the Prevention of Group B Streptococcus in the Newborn  
*Jessica Illuzzi, M.D. – Yale University*
5. Estrogen Receptor Modulation in Term Labor  
*Radek Bukowski, M.D., Ph.D. – University of Texas Medical Branch*
6. Endometrial Cancer, 2D vs. 3D Model  
*Lyuba Levine, M.D. – University of Texas Medical Branch*
7. Perinatal Outcomes in Subsequent Pregnancies Following Unexplained Fetal Death  
*Sean Blackwell, M.D. – Wayne State University/Detroit*
8. Risk Factors for Several Perineal Lacerations in Nulliparous Patients  
*Bela Kudish, M.D. – Wayne State University/Detroit*
9. The Effects of Intrauterine Growth Retardation on the Gene Expression Profile  
*Brian Morgan, M.D., Ph.D. – University of California, Los Angeles*
10. Risk of Perinatal HIV Transmission in HIV-Infected Women Diagnosed with Genital Herpes Simplex Virus Infection During Pregnancy  
*Katherine Chen, M.D., MPH – Columbia University*
11. An fMRI Investigation of Sexual Arousal and Peripheral Response in Healthy, Heterosexual Women and Women with Hypoactive Sexual Desire Disorder  
*Leah Ettinger, M.D. – Stanford University School of Medicine*
12. Pre-pregnancy Body Mass Index, Gestational Weight Gain, and Risk of Spontaneous Preterm Birth  
*Naomi Stotland, M.D. – University of California, San Francisco*
13. The Epidemiology of Recurrent Pelvic Organ Prolapse  
*Mike Fialkow, M.D. – University of Washington*
14. Multicenter Evaluation of the Molecular Antecedents of Intrauterine Inflammation: Progress in the Perinatal Epidemiology of the ELGAN Study  
*Thomas McElrath, M.D., Ph.D. – Brigham and Women's Hospital*

**WRHR Scholars  
Poster Presentations**

15. Transcriptional Targeted Antiangiogenesis Gene Therapy for Ovarian Cancer  
*Sharmila Makhija, M.D. – University of Alabama at Birmingham*
16. Hypoxia Increases Xanthine Oxidase Activity in BeWo Cells Through a HIF-1 $\alpha$  Pathway  
*Lavenia Carpenter, M.D. – University of Cincinnati*
17. Hypoxia Reprograms Human Cytotrophoblast Differentiation  
*Jared Robins, M.D. – University of Cincinnati*