

**5<sup>th</sup> Annual Early Environmental Exposures Meeting**  
**November 13-14, 2008**  
**Birmingham, AL**  
**AGENDA**

**Thursday, November 13, 2008**

- 7:00           **Continental Breakfast & Registration**
- 7:30-8:00      **Orientation for First Time Attendees**
- 8:00-8:40      **Welcome, Opening Remarks, Introduction of Keynote Speaker**  
*Dr. Coral Lamartiniere, Program Chair*  
*Dr. Edward Partridge, Director, UAB Comprehensive Cancer Center*  
*Dr. Gwen Collman, Chief, Div. of Extramural Research and Training, Susceptibility & Population Health Branch, NIEHS*
- 8:40-9:30      **Keynote Address: Breast Cancer and Environmental Factors - the Case of Exposures to Mixtures.**  
*Dr. Andreas Kortenkamp, University of London*
- Session I: Mammary Gland Biology, Puberty and Breast Cancer**  
chairpersons: *Dr. Jose Russo* and *Dr. Janet Osuch*
- 9:30-10:00     **Models for Studying Breast Development and Stem Cells during Puberty.**  
*Dr. Zena Werb, University of California, San Francisco*
- 10:00-10:30   **One-Carbon Metabolism, Epigenetics and Breast Cancer.**  
*Dr. Jia Chen, Mount Sinai School of Medicine, New York*
- 10:30-10:45    Break
- 10:45-11:15   **Assessing the Effects of Potential Breast Carcinogens Using Cultured Human Mammary Epithelial Cells.**  
*Dr. Paul Yaswen, Lawrence Berkeley National Laboratory*
- 11:15-11:45   **Novel Progesterone-Regulated Genes in Mammary Cells: an Inflammatory Signature.**  
*Dr. Richard Schwartz, Michigan State University*
- 12:00-1:15     **Lunch with the Experts**
- Session II: Action of Environmental Chemicals on the Breast**  
chairpersons: *Dr. Robert Hiatt* and *Ms. Kathy Koblick*

- 1:30-2:00 **Early Exposure to Environmental Xenoestrogens Alter the Genomic Profile of the Mammary Gland.**  
*Dr. Jose Russo, Fox Chase Cancer Center*
- 2:00-2:30 **Prenatal and Postnatal Exposures to Bisphenol A Alter the Mammary Proteome and Predispose for Chemically-induced Mammary Cancer in Rats.**  
*Dr. Coral Lamartiniere, University of Alabama at Birmingham*
- 2:30-3:00 **Environmental Exposures and Breast Development in Urban Minority Girls.**  
*Dr. Mary Wolff, Mount Sinai School of Medicine*
- 3:00-3:15 **Break**
- 3:15-3:45 **Peripubertal Sex Hormone Changes in Girls.**  
*Dr. Frank Biro, Cincinnati Children's Hospital*
- 3:45-4:15 **Differential Effects of Peripubertal Exposure to Perfluorooctanoic Acid on Mammary Gland Development in C57Bl/6 and Balb/c Mouse Strains.**  
*Dr. Sandra Haslam, Michigan State University*
- 4:15-4:45 **Perfluorooctanoic acid (PFOA) and Pubertal Maturation in Young Girls.**  
*Dr. Susan Pinney, University of Cincinnati*
- 4:45-5:00 **Break**
- 5:00-6:00 **Mentoring Session**  
*chair: Ms. Donna Duncan*
- 6:00-7:30 **Dinner**
- 7:30-9:30 **Poster Session with Dessert**

**Friday, November 14, 2008**

- 7:00 **Continental Breakfast and Registration**  
**Session III: Diet and Breast Cancer**  
*chairpersons: Dr. Robert Bornschein and Dr. Luz Claudio*
- 8:00-8:10 **Opening Remarks**
- 8:10-8:50 **Conducting High Dimensional Science in Cancer Prevention - the Set Up, the Interpretation and the Translation.**  
*Dr. Stephen Barnes, University of Alabama at Birmingham*
- 8:50-9:20 **The Influence of Macronutrient and Phytoestrogen Intake on Pubertal Status.**  
*Dr. Lawrence Kushi, Division of Research, Kaiser Permanente*

- 9:20-9:50 **Reforming Food Advertising and Marketing Practices in Response to Childhood Obesity Concerns.**  
*Dr. Charles Atkin, Michigan State University*
- 9:50-10:00 **Break**
- 10:00-10:30 **Breast Model of Tumor Progression from Young to Old Age.**  
*Dr. Marshall Anderson, University of Cincinnati*
- 10:30-11:00 **Dietary Fatty Acids Induce Inflammation and Promote Tumor Susceptibility.**  
*Dr. Debbie Clegg, University of Cincinnati*
- 11:00-11:20 **Poster Awards** - Dr. Irma Russo, Fox Chase Cancer Center
- Session IV: Breast Cancer and Environment Round Table Discussion**  
chairpersons: *Dr. Mary-Helen Barcellos-Hoff and Ms. Carole Price*
- 11:20-12:00 **BCERC Panel Discussion with the Audience**
- 12:00 **Closing Remarks**  
*Dr. Jose Russo, Fox Chase Cancer Center*