

4th Annual Early Environmental Exposures Meeting
November 8-9, 2007
Cincinnati, OH
AGENDA

THURSDAY, NOVEMBER 8, 2007

7:00 **Continental Breakfast & Registration** (Gibson Foyer, third level)

8:30-9:00 **Welcome & Opening Remarks** (Presidential Ballroom)

Session I: Puberty and Normal Mammary Gland Development: Understanding Windows of Exposure Susceptibility and Opportunities for Intervention (Presidential Ballroom)

9:00-9:15 Moderator: *Paul Yaswen, PhD*, Lawrence Berkeley National Laboratory

9:15-9:45 **Variations on a Common Theme: Progesterone Regulation of Normal Mammary Gland Development in Humans, Rats and Mice**
Sandra Z. Haslam, PhD, Michigan State University

9:45-10:15 **Effects of Environmental Exposures on Mammary Stem cells**
Mary Helen Barcellos-Hoff, PhD, Lawrence Berkeley National Laboratory

10:15-10:30 **Break**

10:30-11:00 **Puberty as a Window of Susceptibility to Environmental Toxins**
Frank Biro, MD, Cincinnati Children's Hospital Medical Center and
Mary Wolff, PhD, Mt. Sinai School of Medicine

11:00-11:30 **Unlocking the Laboratory: Introducing Breast Cancer Advocates to Bench-Top Research**
Kathy Ball (UC), *Janice Barlow (UCSF)* & *Ann Fonfa (FC)*

11:30-12:00 **Q & A**

12:00-1:30 **Lunch - Lunch with the Experts** (Fountain Room, second level)

Session II: Impacts of Everyday Stressors on the Development of Young Girls (Presidential Ballroom)

1:30-1:45 Moderator: *Robert A. Hiatt, MD, PhD*, University of California San Francisco

1:45-2:15 **Psychosocial Studies of Girls and their Families in the Cincinnati Breast Cancer and the Environment Research Center**
Kim Dietrich, PhD, University of Cincinnati
Psychosocial Studies of Girls and their Families in the Breast Cancer and the Environment Research Center
Julianna Deardorff, PhD, University of California San Francisco

- 2:15-2:45 **Impact of Fathers on Daughters' Age at Menarche: A Genetically- and Environmentally-Controlled Sibling Study**
Bruce Ellis, PhD, University of Arizona
- 2:45-3:00 **Break**
- 3:00-3:30 **The Role of the Neighborhood Environment in Children's Health**
Irene Yen, PhD (UCSF) & Maida Galvez, PhD (MSSM)
- 3:30-4:00 **Why Practice the Precautionary Principle in Everyday Life**
Julia Brody, PhD, Silent Spring
- 4:00-4:30 **Q & A**
- 4:30-5:00 **Mentoring Session** (Hayes Room, third level)
- 6:00-7:30 **Dinner** (Fountain Room, second level)
- 7:30-9:00 **Poster Session with Dessert** (Presidential Ballroom III, third level)

FRIDAY, NOVEMBER 9, 2007

7:00 **CONTINENTAL BREAKFAST** (Gibson Foyer, third level)

Session III: Nutrients and Obesity: Factors in Cancer Susceptibility and Uptake of Environmental Toxins (Presidential Ballroom)

- 8:00-8:15 Moderator: *Bruce Trock, PhD, Johns Hopkins*
- 8:15-8:40 **Fatty Acids Influence Susceptibility to DMBA-Induced Carcinogenesis**
Debbie Clegg, PhD, University of Cincinnati
- 8:40-9:05 **Mouse Models of Adolescent Obesity & Breast Cancer**
Karl Olson, Michigan State University
- 9:05-9:30 **The Crucial Role of Intestinal Metabolism in the Bioavailability and Actions of Dietary Phytoestrogens in Soy Foods**
Kenneth D. R. Setchell, University of Cincinnati, CCHMC
- 9:30-9:55 **Non-absorbable Fat Affects the Absorption, Storage and Excretion of PCBs, PFOA and Hexachlorobenzene**
Ron Jandasek, University of Cincinnati
- 9:55-10:20 **Q & A**
- 10:20-10:35 **Break**

Session IV: From Animal Models to Young Girls: Studying Biomarkers of Environmental Exposures (Presidential Ballroom)

10:35-10:50 Moderator: *M. Kathryn Brown, PhD, University of Cincinnati*

- 10:50-11:15 **The Mammary Gland as a Sensitive Tissue for Detecting Effects of Environmental Compounds**
Suzanne Fenton, PhD, US EPA
- 11:15-11:40 **Prenatal Exposure to Bisphenol A (BPA) Induces Genomic Alterations in the Rat Mammary Gland**
Jose Russo, MD, Fox Chase Cancer Center
- 11:40-12:05 **Bisphenol A, Mammary Cancer and Proteomics Studies in a Rat Model**
Coral Lamartiniere, PhD, University of Alabama
- 12:05-12:30 **Talking with Our Study Families: What, When and How to Report Study Findings**
Ann Hernick, University of Cincinnati
- 12:30-12:55 **Q & A**
- 12:55-1:00 **Closing Remarks**
- 1:00 **Box Lunches** (Gibson Foyer, third level)
- 1:00-1:30 **Mentoring Session** (Hayes Room, third level)