



National Toxicology Program

U.S. Department of Health and Human Services

BIOMARKERS FOR TOXICOLOGY STUDIES WORKSHOP SEPTEMBER 20-21, 2006

NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES
RODBELL AUDITORIUM
111 TW ALEXANDER DRIVE, RESEARCH TRIANGLE PARK, NC 27709

Workshop Chair: Dr. James Popp, Stratoxon, LLC

September 20

- 8:30 AM **Welcome** - Dr. Allen Dearry, NIEHS
- NIEHS Exposure Biology Program** - Dr. Samuel Wilson, NIEHS
- Introduction and Charge** - Dr. James Popp
- Biomarkers Characterization** - Dr. Gregory Travlos, NIEHS
- Overview of Lung Biomarkers** - Dr. Joe Mauderly
 Lovelace Respiratory Research Institute
- 10:00 AM **BREAK**
- Overview of Heart Biomarkers** - Dr. Fred Apple
 Hennepin County Medical Center
- Overview of Lipid/Carbohydrate Biomarkers** - Dr. Beverly Paigen
 The Jackson Laboratory
- 11:45 AM **Public Comments**
- 12:00 PM **LUNCH**
- 1:00 PM **Breakout Groups – 101 A, B, C**
- Lung Biomarkers - Chair, Dr. Steven Kleeberger, NIEHS
 - Heart Biomarkers - Chair, Dr. Bennett Van Houten, NIEHS
 - Lipid/Carbohydrate Biomarkers - Chair, Dr. Sheila Collins, CIIT
- 5:00 PM **ADJOURN**



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September 21

8:30 AM

Breakout Group Reports

- Lung Biomarker Breakout Group Report and Discussion
- Heart Biomarker Breakout Group Report and Discussion

10:00 AM

BREAK

- Lipid/Carbohydrate Breakout Group Report and Discussion

10:30 AM

General Discussion – Dr. Popp

11:00 AM

Summary – Dr. Popp

11:15 AM

Closing Remarks – Dr. Dearry

11:30 AM

ADJOURN