



**Chronic Hazard Advisory Panel on Phthalates and Phthalate Substitutes
November 2-4, 2011**

Wednesday November 2, 2011

- 9:00 a.m. **Welcome and Introduction**
Philip E. Mirkes, PhD, Chair
Bernard Schwetz, DVM, PhD, Vice-Chair
CHAP on Phthalates and Phthalate Substitutes
- 9:10 a.m. **Presentation Requested by ExxonMobil**
Rebecca Clewell, PhD,
The Hamner Institutes for Health Sciences
“DiNP Dose-Response Studies”
- 9:30 a.m. **Invited Experts**

Kim Boekelheide, MD, PhD
Brown University
“Phthalate-Induced Discordant (Endocrine Disruption) and Concordant (Multinucleated Germ Cells) Effects Across Species Following Fetal Exposure”
- BREAK
- Professor Richard M. Sharpe, FRSE
MRC/University of Edinburgh Centre for Reproductive Health
The Queen’s Medical Research Institute
Edinburgh, UK
“Phthalate effects on the fetal testis: mechanisms and species and age-dependent variation”
- 12:00 p.m. LUNCH
- 1:00 p.m. **Discussion with Invited Experts**
- 2:30 p.m. BREAK

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Wednesday, November 2, 2011 (continued)

2:45 p.m. **CHAP Deliberations**

Animal Toxicity
Bernard Schwetz, DVM, PhD

Developmental Toxicity
Phillip Mirkes, PhD

5:00 p.m. Adjourn

Thursday, November 3, 2011

9:00 a.m. **Welcome and Introductions**

Philip E. Mirkes, PhD, Chair
Bernard Schwetz, DVM, PhD, Vice-Chair
CHAP on Phthalates and Phthalate Substitutes

9:15 a.m. **CHAP Deliberations**

Epidemiology
Russ Hauser, MD, ScD, MPH

Risk Assessment of Mixtures
Andreas Kortenkamp, PhD

Biomonitoring Approach
Chris Gennings, PhD; Holger Koch, PhD

12:00 p.m. Lunch

1:00 p.m. **CHAP Deliberations (continued)**

Exposure Scenarios
Paul Lioy, PhD; Surajit Dasgupta, Versar

5:00 p.m. Adjourn

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Friday, November 4, 2011

- 9:00 a.m. **Welcome and Introductions**
Philip E. Mirkes, PhD, Chair
Bernard Schwetz, DVM, PhD, Vice-Chair
CHAP on Phthalates and Phthalate Substitutes
- 9:15 a.m. **CHAP Deliberations**
- 12:00 p.m. Lunch
- 1:00 p.m. **CHAP Deliberations (continued)**
- 2:00 p.m. Adjourn