Afternoon Session:

Workshop on Understanding and Interpreting Biomonitoring Results

Biomonitoring California, March 17, 2011
New Toxicity Testing Paradigm
NAS, 2007

Figure caption: “...when the host is unable to adapt due to underlying nutritional, genetic, disease, or life-stage status, biologic function is compromised resulting in toxicity and disease.”
A chemical’s risk is determined by:

- Level of exposure
- Background endogenous and exogenous exposures
- Biological susceptibility

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Multiple Exposures Leading to Common Adverse Outcomes

Phthalates ➔ Antiandrogenic compounds and other risk factors ➔ Disturbed Androgen Action ➔ Altered male reproductive outcomes
Afternoon Session:
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• Lesa Aylward, Summit Toxicology
• Dale Hattis, Clark University
• Amy Kyle, UC Berkeley