

NTP Workshop: Role of Environmental Chemicals in the Development of Diabetes and Obesity

January 11-13, 2011

Raleigh Marriott Crabtree Valley • 4500 Marriott Drive

There has been increasing interest in the concept that environmental chemicals may be contributing factors to the epidemics of diabetes and obesity. The National Toxicology Program (NTP) is holding a workshop to evaluate the science associating exposure to certain chemicals or chemical classes with the development of diabetes and obesity in humans. Participants at the workshop will:

- Evaluate strength/weaknesses, consistency, and biological plausibility of findings reported in humans and experimental animals for certain environmental chemicals including arsenic and cadmium, PCBs, DDT/DDE, other organohalogenes, bisphenol A, phthalates, and organotins
- Identify the most useful and relevant endpoints in experimental animals and *in vitro* models
- Identify relevant pathways and biological targets for assays for the Toxicology Testing in the 21st Century high throughput screening initiative ("Tox21")
- Identify data gaps and areas for future evaluation/research

The format of the workshop includes both plenary talks and breakout groups. The workshop is open to the public with time set aside in the agenda for public comments during the plenary session on the first day. The public can attend the breakout groups as observers. A literature review document will be prepared prior to the meeting. Information about the workshop and on-line [registration](#) are available from the NTP website. Registration is on a first come basis and is limited to 100 people. For additional information, contact Dr. Kristina Thayer (thayer@niehs.nih.gov or 919-541-5021).

This workshop is sponsored by the [National Institute of Environmental Health Sciences/NTP](#), [U.S. Environmental Protection Agency](#), and the [FDA National Center for Toxicological Research](#).

