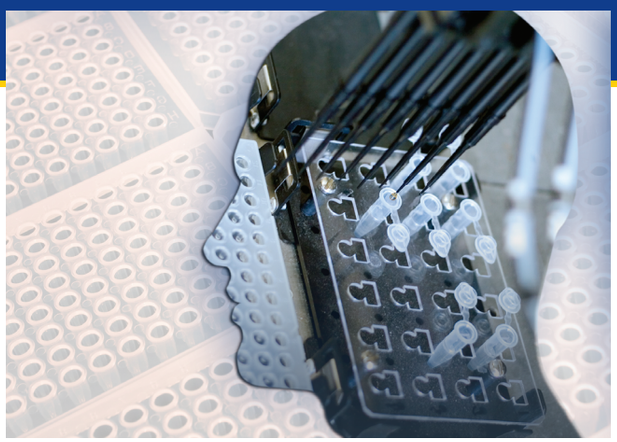
NTP
National Toxicology Program
U.S. Department of Health and Human Services

High Throughput Screening Assays Workshop

December 14–15, 2005
Hyatt Regency Crystal City

2799 Jefferson Davis Highway
Arlington, VA



The NTP promotes improvements in toxicology test methods that will enhance the program's ability to efficiently evaluate the large number of substances in our environment for which there is little or no information about their potential hazard for human health. As part of its activities to implement the NTP Roadmap, the NTP seeks to identify or develop rapid, mechanism-based assays that can be used to screen large numbers of environmental substances for their potential biological activity. The NTP hopes to use the data from these assays to identify mechanisms of action for further investigation, develop predictive models about how substances might react in biological systems, and prioritize substances for more extensive toxicological evaluation. Additional information about the NTP Roadmap is available on the NTP website (http://ntp.niehs.nih.gov).

The High Throughput Screening Assays Workshop will provide information about high throughput screening techniques and address the potential utility of this technology for toxicology and the NTP. Its format includes both plenary talks and 4 breakout groups on the following topics:

- Selection of targets for high throughput screening assays
- Conduct of studies including chemical selection, study design, and analytical methods
- Data storage, analysis, and interpretation
- Application of data from high throughput screening assays to regulatory decision-making

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.

Information about the workshop and on-line registration is available from the NTP website **http://ntp.niehs.nih.gov/** see "Meetings and Workshops." Registration is limited to 100 people.