Transforming Toxicity Testing From *In Vivo* to *In Vitro*: A Computational Toxicology Challenge

The First ToxCast Data Analysis Summit

Hosted by EPA's National Center for Computational Toxicology

EPA Campus, Research Triangle Park NC
May 14-15, 2009

The EPA ToxCast^{TM} Program is developing novel approaches to predict chemical toxicity using high-throughput and high content *in vitro* assays. ToxCast has produced data on 320 chemicals from over 500 in vitro assays, and about 75 in vivo endpoints, providing a powerful dataset for evaluating analysis approaches. This data set will be made available to analysis partners in February 2009.

The EPA invites interested researchers to access this data, apply their best analysis strategies, and present their findings at the first ToxCast Data Analysis Summit. The goal is to find robust analysis methods for predicting whole animal or human chemical toxicity from the *in vitro* data. Individuals and groups wanting to analyze the ToxCast data and participate in the Summit should send an email to the organizers, or follow instructions being posted on the ToxCast web site.

For more information, contact the meeting co-chairs:
  David Dix: dix.david@epa.gov
  Richard Judson: judson.richard@epa.gov

Updated information will be available on the ToxCast website:
  http://www.epa.gov/ncct/toxcast