

Developmental High Through-put Screening With Biologic Meaning: Going Somewhere Fast

Fall 2007 ITEHP Symposium
October 26, 2007

SEARLE CENTER LECTURE HALL

- 9:00-9:30 Edward D. Levin, Ph.D., Duke University
The challenge of developing targeted toxicant screens for development
- 9:30-10:15 Kevin Crofton, Ph.D., US-EPA
Screening for developmental neurotoxicity: Regulatory perspective
- 10:15-10:30 Break
- 10:30-11:15 Theodore Slotkin, Ph.D., Duke University
Use of cell lines for screening neurodevelopmental toxicants
- 11:15-12:00 Jonathan Freedman, Ph.D., NIEHS
WormTox: Development of toxicological screening tools using *Caenorhabditis elegans*
- 12:00-1:00 Lunch
- 1:00-1:45 Stephanie Padilla, Ph.D., US-EPA
Use of zebrafish for screening neurodevelopmental toxicants
- 1:45-2:30 Abby Li, Ph.D., Exponent, Inc.
High throughput technology: From bench top to regulatory decision making
- 2:30-3:15 Robert Brent, M.D., Ph.D., duPont Hospital for Children
Does high throughput developmental toxicity testing have significant obstacles to overcome, if determining human risks is the goal?
- 4:00-4:45 Discussion

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