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Satellite Meetings

Updates on Activities Related to 21st Century Toxicology and Related Efforts: Invited Presentations and Open Microphone

Thursday, March 17, 12:30 PM to 4:00 PM
Hilton New Orleans Riverside, Jefferson Ballroom

Hosted by: *Thomas Hartung, Johns Hopkins Center for Alternatives to Animal Testing (CAAT), Baltimore, MD.*

Please join the Center for Alternatives to Animal Testing (CAAT, http://caat.jhsph.edu), the Human Toxicology Project Consortium (HTPC, http://humantoxicologyproject.org), and The Human Toxome Project Consortium (http://humantoxome.com) for our annual satellite meeting on 21st century toxicology activities and related efforts. The satellite meeting provides an informal setting in which interested stakeholders can update each other on these important topics.

The meeting features a number of invited presentations and leaves time for an "open microphone" segment in which participants are welcome to give brief presentations on germane topics, with or without a few slides.

The draft program is as follows:

12:30 PM—Box Lunch *(for pre-registered participants)* and Welcome. *Thomas Hartung, Johns Hopkins University*

1:00 PM—Invited Speakers *(10 minute presentations each followed by 5 minute of discussion)*

- ToxCast Update. *Russell Thomas, US Environmental Protection Agency*
- EDSP21 Update. *David Dix, US Environmental Protection Agency*
- Tox21 Update. *Richard Paules, US National Toxicology Program*
- Hamner TT21C Update. *Melvin Andersen, Hamner Institutes*
- NICEATM Update. *Warren Casey, NICEATM*
- SEURAT/EU Tox-Risk Update. *Michael Schwarz, University of Tuebingen*
- CAAT's Read-Across Initiative and Human Toxome-Related Activity Update. *Thomas Hartung, Johns Hopkins*
- Human Toxicology Project Consortium Update. *Catherine Willett, HTPC*
- Evidence-Based Toxicology Update. *Martin Stephens, Johns Hopkins*

3D or Not 3D: That Is the [Predictive Toxicology] Question…

Thursday, March 17, 1:00 PM to 5:00 PM
Room 213

Hosted by: *Elaine Faustman, University of Washington, Seattle, WA; and Barbara Klieforth, US Environmental Protection Agency, Washington, DC.*

Purpose of the Meeting: How complex must cell cultures be to replicate the dynamics of tissue interactions and functions in order to be predictive of *in vivo* responses? We will discuss the latest successes and challenges in differing organotypic and three-dimensional cell culture systems. The US EPA's Chemical Safety for Sustainability program provided Science to Achieve Results (STAR) research grants to develop and evaluate medium- to high-throughput toxicity screening systems in order to assess chemicals. Their work, on tissue systems including the brain, liver, kidney, testis, breast tissue, heart, and neurovascular systems, is intended to complement ongoing US EPA research and lead to refined models of how organs and tissues respond to environmental chemicals. Researchers from the four US EPA STAR grant Centers and from US EPA's Office of Research and Development will present their work.

Registration: Open registration. No fee to register and attend.

Lectures followed by Q&A and a hands-on tutorial of the tools.

For more information on this Satellite Meeting, contact Barbara Klieforth: klieforth.barbara@epa.gov.

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