

Alternative Approaches to Systemic and Topical Toxicity: Making Progress on the EPA OPP Six-Pack

Wednesday, March 15, 5:00-6:30 PM

Sheraton Inner Harbor
300 South Charleston St.
Baltimore, MD
Loch Raven Room

This open stakeholder discussion will feature presentations and discussions highlighting work to reduce and replace *in vivo* testing for the “six-pack”, a set of six acute systemic and topical toxicity tests required by the EPA Office of Pesticide Programs for pesticide active ingredients and formulations. These tests include: acute oral, dermal, and inhalation toxicity, skin and eye irritation, and skin sensitization.

EPA has discussed this work in several communications, including a letter from former OPP Director Jack Housenger, and recently finalized a policy indicating that registrants can pursue waivers for dermal acute systemic testing for formulations.

The evening will focus on two specific elements of this ongoing work: 1) a pilot effort to reduce formulation testing using the GHS Additivity Equation for acute systemic toxicity, and 2) *in vitro* methods for skin and eye irritation. Ongoing work to provide predictive analysis of the *in vitro* methods and necessary next steps will be discussed.

The participation of all stakeholders wishing to learn more or get involved is highly encouraged.

- 5:00-5:05: Introductions
- 5:05-5:30: GHS additivity pilot progress update
Anna Lowit, EPA
Sean Gehen, Dow AgroSciences
- 5:30-6:30: Skin and eye irritation: Progress and additional steps
Judy Strickland, ILS, Inc./NICEATM
Emilia Costin, Institute for In Vitro Sciences

