

US EPA ARCHIVE DOCUMENT

Where Vision Meets Action: Practical Application of 21st Century Methods

EPA Office of Pesticide Programs' Stakeholder workshop

July 9, 2013

2777 S. Crystal Drive, Arlington, VA. Potomac Yards South, 1st Floor Conference Center

Agenda

Pesticide Program Dialogue Committee

21st Century Toxicology/New Integrated Testing Strategies Workgroup

Executive Summary: This one-day, non-technical workshop is intended to provide an opportunity to dialogue with stakeholders on how OPP envisions applying new science to change the way we evaluate the risks of pesticides, and to examine the challenges and benefits of making this transition. Goals of the meeting are to (1) explore the regulatory application of alternative 21st Century methods to transition away from traditional chemical testing approaches, (2) examine the challenges of making this transition, and (3) discuss building confidence in these alternative methods in the support of pesticide registrations. This workshop builds on the 2010 workshop on the Office of Pesticide Program's strategic vision and application of 21st Century science to improve and transform pesticide risk management by enhancing our ability to use integrated approaches to testing and assessment (IATA).

8:30-8:45	<p>Welcome and Introduction <i>Goal: Vision and direction of the workshop</i></p> <p>Jim Jones, Acting Assistant Administrator, Office of Chemical Safety and Pollution Prevention (OCSPP)</p> <p>Steven Bradbury, Director, Office of Pesticide Programs (OPP)</p>
8:45-9:05	<p>Plenary Speaker: Tina Bahadori, National Program Director, Chemical Safety for Sustainability Program, Office of Research and Development (ORD) <i>Goal: Overview of research program and perspectives</i></p>
9:05-10:05	<p>Session One: Understanding the Adverse Outcome Pathway Framework <i>Goal: Introduce the adverse outcome pathway (AOP) concept, which is fundamental to applying 21st Century integrated approaches to testing and assessment (IATA) strategies for evaluating pesticides</i> Speaker: Kevin Crofton (ORD)</p>
10:05-1:50	<p>Session Two: Case Studies of New Science Advances in Adverse Outcome Pathway Development and their Regulatory Application <i>Goal: Provide case study examples of developments that are being applied or anticipated by EPA's pesticide program.</i></p>
10:05-10:20	<ul style="list-style-type: none">• Outlook on the application of AOPs at EPA's Office of Chemical Safety & Pollution Prevention Speaker – Scott Glaberman (OPP)
10:20-10:35	<p>Break (15 minutes)</p>
10:35-11:00	<p>Session Two continued</p> <ul style="list-style-type: none">• CASE STUDY 1: Evolving the Endocrine Disrupter Screening Program Speakers - Pat Schmieder (ORD) & Mary Manibusan, Director of the Endocrine Disrupter Screening Program (EDSP), Office of Science Coordination and Policy (OSCP)

<p>11:00-11:25</p> <p>11:25-11:50</p>	<ul style="list-style-type: none"> • CASE STUDY 2: OECD Dermal Sensitization AOP <i>Speakers-</i> Kristie Sullivan, Physicians Committee for Responsible Medicine (PCRM) & Joanna Matheson, Consumer Product Safety Commission (CPSC) • CASE STUDY 3: Using AOPs to Quantitatively Predict Chemical Impacts on Fish Reproduction <i>Speakers-</i> Ed Perkins, US Army Corps of Engineers & Amy Blankinship (OPP)
<p>11:50-1:00</p>	<p>Lunch (1 hour, 10 minutes)</p>
<p>1:00-1:25</p> <p>1:25-1:50</p>	<p><u>Session Two</u> continued</p> <ul style="list-style-type: none"> • CASE STUDY 4: Endocrine Disruptors: Thyroid AOP <i>Speakers -</i> Kevin Crofton (ORD) & Tim McMahon (OPP) • Q&A
<p>1:50- 3:30</p> <p>1:50-2:10</p> <p>2:10-2:30</p> <p>2:30-2:50</p> <p>2:50-3:10</p> <p>3:10-3:30</p>	<p><u>Session Three: Benefits of and Challenges to Implementation of Alternative 21st Century Methods</u> <i>Goal: Perspective on benefits, challenges and drivers of implementing alternative methods; testing validation strategies; regulatory acceptability; and consideration of public/stakeholder concern</i></p> <p><i>Speakers:</i></p> <ul style="list-style-type: none"> • Nasser Assaf, Valent BioSciences Corporation • Sean Gehen, Dow Agro Sciences • Catherine Willett, Humane Society of the United States • Jennifer Sass, Natural Resource Defense Council (NRDC) • Suzanne Fitzpatrick, Food & Drug Administration (FDA)
<p>3:30- 3:45</p>	<p>Afternoon break (15 minutes)</p>
<p>3:45- 4:45</p>	<p><u>Panel Discussion: Building Confidence in the Regulatory Application of Alternative 21st Century Methods for Evaluating Pesticides</u> <i>Goal: Panel discussion of topics raised earlier in the day and in response to charge questions.</i></p> <p>MODERATOR: Erik Janus, Monsanto Company</p> <p><i>Panelists:</i></p> <ul style="list-style-type: none"> • Jennifer McLain, OPP • Suzanne Fitzpatrick, FDA • Kristie Sullivan, PCRM • Jennifer Sass, NRDC • Nasser Assaf, Valent BioSciences • Rick Becker, American Chemistry Council (ACC)