



**HESI Immunotoxicology Technical Committee  
Workshop on Updating Immunotoxicity Assessments:  
Approaches and Best Practices for Assessment of Immunotoxicity for Environmental  
Chemicals**

**15-16 May 2012  
Washington, DC  
Westin Alexandria  
Alexandria, VA**

---

**DRAFT AGENDA**

**PROGRAM- MAY 15:**

- 10:00-10:15AM      Arrival and registration
- 10:15-10:30AM      Introduction  
Dr. Darrell Boverhof (The Dow Chemical Company)

*Session 1: Current landscape for assessment of immunotoxicity for environmental chemicals*

- 10:30-11:15AM      *Increasing the Efficiency and Effectiveness of Testing & Assessment:  
A Regulatory Perspective*  
Dr. Vicki Dellarco (US Environmental Protection Agency)
- 11:15-12:00PM      *Review of NTP toxicology testing program and the impact on shaping  
current immunotoxicology testing strategies*  
Dr. Dori Germolec (National Toxicology Program)

- 12:00-1:00PM      Lunch

*Session 2: Current evaluation approaches for the assessment of immunotoxicity and experience*

- 1:00-1:35PM      *Overview of the EPA immunotoxicity study guideline and testing strategy*  
Dr. Yung Yang (US Environmental Protection Agency)
- 1:35-2:10PM      *Historical perspectives and formation of ICH guidelines*  
Dr. Jan Willem van der Laan (Medicines Evaluation Board)



- 2:10-2:45PM      *Application of ICH S8 to pharmaceutical risk assessment*  
Dr. Ellen Evans (Pfizer)
- 2:45-3:00PM      Break
- 3:00-3:35PM      *A retrospective evaluation of the impact of EPA's functional immunotoxicity testing requirement on human health risk assessments for crop protection chemicals*  
Dr. Haitian Lu (Dow AgroSciences)

Session 3: Developmental Immunotoxicity

- 3:45-4:20PM      *DIT testing for environmental chemicals*  
Dr. Michael Holsapple (Battelle)
- 4:20-5:00PM      *Overview of the OECD Extended-One Generation study design and conduct*  
Dr. Jane Botham (Syngenta)

**PROGRAM – MAY 16**

- 9:00AM-9:15AM      Recap of Day 1

Session 4: In vitro approaches for the assessment of immunotoxicity

- 9:15-10:00AM      *In vitro approaches for the assessment of immunotoxicity*  
Dr. Emanuela Corsini (Università degli Studi di Milano)

Session 5: Break-out sessions with charge questions on weight of evidence-based testing approaches and assay selection/prioritization for immunotoxicity assessment for environmental chemicals

- 10:00-10:15AM      Review of workshop objectives and introduction to break-out sessions  
Dr. Darrell Boverhof (The Dow Chemical Company)
- 10:15-10:30AM      Break
- 10:30-12:00PM      Break-out sessions
- 12:00-1:00PM      Lunch



Session 6: How to conduct and interpret immunotoxicology studies (focus on TDAR)

- |             |                                                                                                                                                                      |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1:00-1:45PM | <i>Considerations on the conduct, analysis and interpretation of TDAR studies in rodents</i><br>Dr. Kimber White (Virginia Commonwealth University & ImmunoTox Inc.) |
| 1:45-2:15PM | <i>Concurrent assessment of TDAR in repeat-dose toxicology studies</i><br>Dr. Scott Loveless (DuPont)                                                                |

Session 7: Discussion panel on needs and opportunities and the consensus on a path forward

- |             |                                           |
|-------------|-------------------------------------------|
| 2:15-2:45PM | Brief review of breakout session findings |
| 2:45-3:15PM | Discussion and closing remarks            |
|             | Adjourn                                   |