



**Workshop**  
**Predictive Models for Acute Oral Systemic Toxicity**  
**William H. Natcher Conference Center**  
**National Institutes of Health, Bethesda, Maryland**  
**April 11-12, 2018**

**Day 1**

**Wednesday, April 11**

<b>Time</b>	<b>Agenda Item</b>
8:30 AM	<b>Meeting Registration</b>
9:00 AM (5 min)	<b>Welcome and Introductions</b> <i>Nicole Kleinstreuer, National Toxicology Program Interagency Center for the Evaluation of Alternative Toxicological Methods (NICEATM)</i>
9:05 AM (15 min)	<b>Implementation of Non-Animal Approaches for Acute Systemic Toxicity</b> <i>Grace Patlewicz, U.S. Environmental Protection Agency (EPA)</i> <i>National Center for Computational Toxicology (NCCT)</i>
9:20 AM (20 min)	<b>Amended TSCA: EPA's Strategic Plan to Promote the Development and Implementation of Alternative Test Methods</b> <i>Louis Scarano, EPA Office of Pollution Prevention and Toxics</i>
9:40 AM (40 min)	<b>Regulatory Needs and Decision Contexts for Acute Oral Systemic Toxicity Data</b> <i>Emily Reinke, U.S. Department of Defense (DoD)</i>
10:20 AM (15 min)	<b>Break</b>
10:35 AM (30 min)	<b>Rat Oral Acute Toxicity Database and Variability</b> <i>Agnes Karmaus, ILS</i>
11:05 AM (40 min)	<b>Collaborative Modeling Efforts for the Acute Oral Systemic Toxicity Endpoints</b> <i>Kamel Mansouri, ILS</i>
11:45 AM (60 min)	<b>Lunch</b>
12:45 PM (120 min)	<b>In Silico Approaches for Acute Oral Toxicity</b> <b>Platform Presentations and Panel Discussion 1</b> <i>Moderator: Nicole Kleinstreuer</i> <ol style="list-style-type: none"> <li>1. <b>Eugene Muratov</b> (University of North Carolina, Chapel Hill)</li> <li>2. <b>Alessandra Roncaglioni</b> (Istituto di Ricerche Farmacologiche Mario Negri)</li> <li>3. <b>Todd Martin</b> (EPA National Risk Management Research Laboratory)</li> <li>4. <b>Thomas Luechtefeld</b> (Underwriters Laboratories)</li> <li>5. <b>Dan Wilson</b> (Dow Chemical Company)</li> </ol>
2:45 PM (10 min)	<b>Break</b>

Time	Agenda Item
2:55 PM (120 min)	<p data-bbox="292 157 1485 220"><b>In Silico Approaches for Acute Oral Toxicity</b> <b>Platform Presentations and Panel Discussion 2</b></p> <p data-bbox="292 220 1485 262"><i>Moderator: Nicole Kleinstreuer</i></p> <ol data-bbox="341 262 1485 441" style="list-style-type: none"> <li>1. <b>Alexey Zakharov</b> (National Center for Advancing Translational Sciences)</li> <li>2. <b>Glenn Myatt</b> (Leadscope, Inc.)</li> <li>3. <b>Zhen Zhang</b> (Dow Agrosiences)</li> <li>4. <b>Ahmed Sayed</b> (Rossettastein Consulting)</li> <li>5. <b>Michael Lawless</b> (Simulations Plus, Inc.)</li> </ol>
4:55 PM (5 min)	<p data-bbox="292 451 1485 493"><b>Wrap-up of Day 1</b></p> <p data-bbox="292 493 1485 535"><i>Donald Cronce, DoD</i></p>
5:00 PM (90 min)	<p data-bbox="292 546 1485 588"><b>Poster Session (Atrium level)</b></p> <p data-bbox="324 588 1485 661">An independently sponsored reception will be held by Humane Society International during the poster session</p>
6:30 PM	<b>ADJOURN</b>



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**Day 2**  
**Thursday, April 12**

Time	Agenda Item
8:00	<b>Registration</b>
8:30 AM (15 min)	<b>Introduction to Day 2</b> <i>Anna Lowit, EPA/OPP</i>
8:45 AM (120 min)	<b>End User Applications – Short Presentations, Case Studies, and Panel Discussion</b> <i>Moderator: John Gordon (U.S. Consumer Product Safety Commission)</i> <ol style="list-style-type: none"> <li>1. <b>Lyle Burgoon</b> (DoD/Army)</li> <li>2. <b>Kristie Sullivan</b> (Physicians Committee for Responsible Medicine)</li> <li>3. <b>Jeffery Gearhart</b> (DoD/Air Force)</li> <li>4. <b>Edward Odenkirchen</b> (EPA/OPP)</li> <li>5. <b>Lawrence Milchak</b> (3M)</li> <li>6. <b>Louis Scarano</b> (EPA/OPPT)</li> </ol>
10:45 AM (10 min)	<b>Charges to Breakout Groups</b> <i>Nicole Kleinstreuer (NICEATM)</i>
10:55 AM (15 min)	<b>Break</b>
11:10 AM (70 min)	<b>Breakout Groups: Session 1</b>  <b>Group A: Practical Applications</b> <b>Room C1/C2</b> <i>Moderator: Amy Clippinger, PETA International Science Consortium, Ltd.</i>  <b>Group B: Interpretation, Characterization, and Extension</b> <b>Room G1/G2</b> <i>Moderator: Grace Patlewicz, EPA/NCCT</i>
12:20 PM (60 min)	<b>Lunch</b>

<b>Time</b>	<b>Agenda Item</b>
1:20 PM (70 min)	<b>Breakout Groups: Session 2</b>  <b>Group A: Practical Applications</b> <b>Room C1/C2</b> <i>Moderator: Amy Clippinger, PETA International Science Consortium, Ltd.</i>  <b>Group B: Interpretation, Characterization, and Extension</b> <b>Room G1/G2</b> <i>Moderator: Grace Patlewicz, EPA/NCCT</i>
2:30 PM (30 min)	<b>Break</b>
3:00 PM (60 min)	<b>Breakout Group Reports</b>
4:00 PM (15 min)	<b>Closing Remarks</b> <i>Nicole Kleinstreuer, NICEATM</i>
4:15 PM	<b>ADJOURN</b>

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