



# Interagency Coordinating Committee on the Validation of Alternative Methods

**Agenda**  
**Scientific Advisory Committee on Alternative Toxicological Methods**

Arlington Ballroom,  
 Crown Plaza Crystal City-Washington, D.C.,  
 1480 Crystal Drive, Arlington, VA  
 September 19-20, 2019

**Day 1: Thursday, September 19, 2019**

Time	Agenda Item	Presenter
9:00 am	<b>Introductions</b>	Dr. Pam Spencer, ANGUS Chemical, Chair
	<b>Welcome and Opening Remarks</b>	Dr. Linda Birnbaum, National Institute of Environmental Health Sciences (NIEHS)/ National Toxicology Program (NTP) Dr. Brian Berridge, NIEHS/NTP Dr. Emily Reinke, Department of Defense (DoD)
	<b>COI and Housekeeping</b>	Dr. Elizabeth Maull, NIEHS/Division of the NTP, Designated Federal Official
	<b>US Strategic Roadmap: New Approaches to Validation</b>	
	<ul style="list-style-type: none"> <li>Introduction</li> </ul>	Dr. Warren Casey, NIEHS/DNTP
	<ul style="list-style-type: none"> <li>Evaluation of a Proposed Approach to Refine the Inhalation Risk Assessment for Point of Contact Toxicity: A Case Study Using a New Approach Methodology (NAM)</li> </ul>	Dr. Monique Perron, U.S. Environmental Protection Agency (EPA)
	<ul style="list-style-type: none"> <li>Public Comment</li> <li>SACATM Discussion</li> </ul>	Dr. Spencer
	<b>BREAK</b>	
	<ul style="list-style-type: none"> <li>OECD Activities to Increase the Utility and Uptake of AOPs in Regulatory Contexts Across Countries</li> </ul>	Mr. Bob Diderich, Organisation for Economic Co-operation and Development
	<ul style="list-style-type: none"> <li>Antibodies and Non-antibody Affinity Reagents Generated Using Animal-free Technologies, For Use in Research and Diagnostics</li> </ul>	Dr. João Barroso, European Union Reference Laboratory for Alternatives to Animal Testing
	<ul style="list-style-type: none"> <li>SACATM Discussion</li> </ul>	Dr. Spencer
12:30 pm	<b>LUNCH</b>	



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Time	Agenda Item	Presenter
<b>1:30 p.m.</b>	<b>New Approach Methodologies: Computational Tools</b>	
	<ul style="list-style-type: none"> <li>Balancing Machine Learning and Mechanistic Modeling</li> </ul>	Dr. Nicole Kleinstreuer, NIEHS/DNTP
	<ul style="list-style-type: none"> <li>Collaborative Acute Toxicity Modeling Suite</li> </ul>	Dr. Kamel Mansouri, ILS
	<ul style="list-style-type: none"> <li>New Approach Methodologies for Exposure from EPA's ExpoCast Project</li> </ul>	Dr. Kristin Isaacs, EPA
	<b>BREAK</b>	
	<ul style="list-style-type: none"> <li>Public Comment</li> <li>SACATM Discussion</li> </ul>	Dr. Spencer
<b>4:10</b>	<b>ADJOURN Day 1</b>	Dr. Spencer



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## Day 2: Friday, September 20, 2019

Time	Agenda Item	Presenter
9:00 am	<b>Introductions: Day 2</b>	Dr. Pam Spencer, ANGUS Chemical, SACATM Chair
	<b>New Approach Methodologies: Translational Impact and Human Relevance of Microphysiological Systems</b>	
	<ul style="list-style-type: none"> <li>Introduction</li> </ul>	Dr. Brian Berridge
	<ul style="list-style-type: none"> <li>The NIH Microphysiological Systems Program: Tissue Chips for Drug Safety and Efficacy Studies</li> </ul>	Dr. Danilo Tagle and Dr. Lucie Low, National Center for Advancing Translational Sciences (NCATS)
10:20	<b>BREAK</b>	
	<ul style="list-style-type: none"> <li>Advancing Regulatory Science by Innovation - In Vitro Microphysiological Systems</li> </ul>	Dr. Suzanne Fitzpatrick, US Food and Drug Agency/The Center for Food Safety and Applied Nutrition
	<ul style="list-style-type: none"> <li>Beyond 3D-models – Building Confidence in Microphysiological Models</li> </ul>	Dr. Szczepan Baran, Novartis
	<ul style="list-style-type: none"> <li>Session Wrap-up and Call to Action</li> </ul>	Dr. Brian Berridge
	<ul style="list-style-type: none"> <li>Public Comment</li> <li>SACATM Discussion</li> </ul>	Dr. Spencer
	<b>Concluding Remarks</b>	Dr. Casey
12:30 pm	<b>ADJOURN</b>	Dr. Spencer