



# 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)<br>Dr. Brian Berridge, NIEHS/NTP<br>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                         |



# Interagency Coordinating Committee on the Validation of Alternative Methods

## 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   |