



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	Introductions	Dr. Pam Spencer, ANGUS Chemical, Chair
	Welcome and Opening Remarks	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)
	COI and Housekeeping	Dr. Elizabeth Maull, NIEHS/Division of the NTP, Designated Federal Official
	US Strategic Roadmap: New Approaches to Validation	
	Introduction	Dr. Warren Casey, NIEHS/DNTP
	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)	Dr. Monique Perron, U.S. Environmental Protection Agency (EPA)
	- Public Comment - SACATM Discussion	Dr. Spencer
	BREAK	
	OECD Activities to Increase the Utility and Uptake of AOPs in Regulatory Contexts Across Countries	Mr. Bob Diderich, Organisation for Economic Co-operation and Development
	Antibodies and Non-antibody Affinity Reagents Generated Using Animal-free Technologies, For Use in Research and Diagnostics	Dr. João Barroso, European Union Reference Laboratory for Alternatives to Animal Testing
	SACATM Discussion	Dr. Spencer
12:30 pm	LUNCH	



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Time	Agenda Item	Presenter
1:30 p.m.	New Approach Methodologies: Computational Tools	
	Balancing Machine Learning and Mechanistic Modeling	Dr. Nicole Kleinstreuer, NIEHS/DNTP
	Collaborative Acute Toxicity Modeling Suite	Dr. Kamel Mansouri, ILS
	New Approach Methodologies for Exposure from EPA's ExpoCast Project	Dr. Kristin Isaacs, EPA
	BREAK	
	- Public Comment - SACATM Discussion	Dr. Spencer
4:10	ADJOURN Day 1	Dr. Spencer



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Day 2: Friday, September 20, 2019

Time	Agenda Item	Presenter
9:00 am	Introductions: Day 2	Dr. Pam Spencer, ANGUS Chemical, SACATM Chair
	New Approach Methodologies: Translational Impact and Human Relevance of Microphysiological Systems	
	Introduction	Dr. Brian Berridge
	The NIH Microphysiological Systems Program: Tissue Chips for Drug Safety and Efficacy Studies	Dr. Danilo Tagle and Dr. Lucie Low, National Center for Advancing Translational Sciences (NCATS)
10:20	BREAK	
	Advancing Regulatory Science by Innovation - In Vitro Microphysiological Systems	Dr. Suzanne Fitzpatrick, US Food and Drug Agency/The Center for Food Safety and Applied Nutrition
	Beyond 3D-models – Building Confidence in Microphysiological Models	Dr. Szczepan Baran, Novartis
	Session Wrap-up and Call to Action	Dr. Brian Berridge
	- Public Comment - SACATM Discussion	Dr. Spencer
	Concluding Remarks	Dr. Casey
12:30 pm	ADJOURN	Dr. Spencer