

**ICCVAM Workshop Series on  
Best Practices for Regulatory Safety Testing:  
Assessing the Potential for Chemically Induced Eye Injuries**

**January 19, 2011**

**William H. Natcher Conference Center - Bethesda, Maryland**

- 7:30-8:30 Registration and Poster Setup**
- 8:30-8:50 Introduction and Public Health Impact of Chemically Induced Eye Injuries**  
*RADM William Stokes, DVM, U.S. Public Health Service, NICEATM, National Institute of Environmental Health Sciences*
- 8:50-9:20 Review of Alternative Test Methods and Integrated Strategies for Ocular Safety Assessments**  
*Jill Merrill, PhD, Center for Drug Evaluation and Research, FDA*
- 9:20-9:40 Study Director and IACUC Responsibilities: Consideration of Available Reduction, Refinement, and Replacement Alternative Test Methods (USDA)**  
*Jodie Kulpa-Eddy, DVM, Animal and Plant Health Inspection Service, USDA*
- 9:40-10:00 Current Guidelines for Ocular Safety Testing**  
*Deborah McCall, Office of Pesticide Programs, EPA*
- 10:00-10:20 BREAK – Posters available for viewing, rooms C1/C2 and G1/G2**
- 10:20-10:45 ICCVAM Evaluation and Recommendations on Best Practices for Incorporating Pain Management and Humane Endpoints in Ocular Safety Testing**  
*RADM William Stokes, DVM, USPHS, NICEATM, NIEHS*
- 10:45-11:00 The Bovine Corneal Opacity and Permeability (BCOP) Test Method: Validation Status**  
*Elizabeth Lipscomb, PhD, ILS, Inc., Contractor Supporting NICEATM*
- 11:00-11:25 Conducting and Interpreting the BCOP Test Method**  
*Hans Raabe, Institute for In Vitro Sciences, Inc.*
- 11:25-12:00 The Isolated Chicken Eye Test Method: Validation Status/Conducting and Interpreting the Method**  
*David Allen, PhD, ILS, Inc., Contractor Supporting NICEATM*
- 12:00-1:00 LUNCH – Posters available for viewing, rooms C1/C2 and G1/G2**

**1:00-1:15 The Cytosensor Microphysiometer (CM) Test Method: Validation Status**

*Elizabeth Lipscomb, PhD, ILS, Inc., Contractor Supporting NICEATM*

**1:15-1:45 Conducting and Interpreting the CM Test Method**

*Rodger Curren, PhD, Institute for In Vitro Sciences, Inc.*

**1:45-2:30 Roundtable Discussion:  
Regulatory Agency Requirements and Acceptable Alternative Test  
Methods for Ocular Safety Assessments**

*Moderator: RADM William Stokes, DVM, USPHS, NICEATM, NIEHS*

- **Environmental Protection Agency**  
*Jack Fowle, PhD*
- **Food and Drug Administration**  
*Suzanne Fitzpatrick, PhD*
- **Consumer Product Safety Commission**  
*Joanna Matheson, PhD*
- **Occupational Safety and Health Administration**  
*Surender Ahir, PhD*

*Roundtable Discussion*

*Question-and-Answer Session for Workshop Participants*

**2:30-3:00 BREAK – Posters available for viewing, rooms C1/C2 and G1/G2**

**3:00-4:00 Alternative Test Methods for Ocular Safety Testing:  
Case Studies in Breakout Groups**

*Moderators:*

*Deborah McCall, OPP, EPA*

*Jill Merrill, PhD, CDER, FDA*

*John Redden, OPP, EPA*

*Neil Wilcox, DVM, Center for Food Safety and Nutrition, FDA*

**4:00-4:25 Case Study Results — Question-and-Answer Session**

*Moderators:*

*Jodie Kulpa-Eddy, DVM, APHIS, USDA*

*Jill Merrill, PhD, CDER, FDA*

**4:25-4:55 New Models in the Validation Pipeline for Ocular Safety Testing**

**4:25-4:40** *Jill Merrill, PhD, CDER, FDA*

**4:40-4:55** *Hitoshi Sakaguchi, PhD, Kao Corporation*

**4:55-5:00 Closing Remarks**

**5:00 Adjournment**