**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**

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<td>7:30-8:30</td>
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| 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 |
*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