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

   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