

Practical Training Workshop on *In Vitro* Eye Irritation Methods

Co-sponsored by:

Institute for In Vitro Sciences, IIVS (Gaithersburg, USA)

Beiersdorf AG (Hamburg, Germany)

BfR-ZEBET (Berlin, Germany)

Scope: The Workshop aims at practical training in most frequently used *in vitro* methods for prediction of eye irritation potential. Primary focus is a training in methods that have gained regulatory acceptance for specific purposes in Europe, namely the *Bovine Cornea Opacity and Permeability Test (BCOP)*, the *Chicken Enucleated Eye Test (CEET)*, the *Isolated Rabbit Eye Test (IRE)* and the *Hen's Egg Test on the Chorio-Allantois Membrane (HET-CAM)*. In addition, as an example, the use of a reconstituted human corneal tissue model will be demonstrated. For logistical reasons, only the HET-CAM training will be a real-life, hands-on laboratory exercise, where participants perform the test, the outcome is beamed on a screen, and discussed with all participants. The other assays will be covered with technically orientated presentations given by experts routinely using these assays.

Date: 26 August 2005
09:30 – 17:00

Location: Federal Institute for Risk Assessment (BfR)
Diedersdorfer Weg 1
D-12277 Berlin (Marienfelde)
Room D146

Registration: The number of participants will be limited to a maximum of 45 according to the "first come / first serve" principle. Existing requests for registration will be considered with priority. Registration is mandatory, and can be done with the form to be downloaded at the WC5 Congress Website <http://www.ctw-congress.de/act2005/>. No fees will be charged for the Training. Depending on Hotel locations of participants, a joint return transport to and from Workshop location may be organised.

Programme

- 09.30 – 09:40 Horst Spielmann (BfR-ZEBET, D)
Welcome
- 09:40 – 10:00 Manfred Liebsch (BfR-ZEBET, D)
Introduction and history of the HET-CAM
- 10:00 – 10:30 Uwe Pfannenbecker (Beiersdorf AG, D)
HET-CAM - technique and phenomena observed
- 10:30 - 10:40 **Coffee**
- 10:40 – 12:00 Manfred Liebsch and Uwe Pfannenbecker
Practical exercise in the HET-CAM with participants
- 12:00 – 13:00 **Lunch and Coffee**
- 13:00 – 13:45 Menk Prinsen (TNO, NL)
The CEET – protocol, performance and experience
- 13:45 – 14:30 John Harbell (IIVS, USA)
The BCOP – protocol, performance and experience
- 14:30 - 14:40 **Coffee**
- 14:40 – 15:25 Robert Guest (SafePharm, UK)
The IRE – protocol, performance and experience
- 15:25 – 16:00 Rodger Curren (IIVS, USA)
The EpiOcular model – protocol, performance and experience
- 16:00 - 16:15 Manfred Liebsch (BfR-ZEBET)
What does "regulatory acceptance of *in vitro* eye irritation methods in the EU" mean ?
- 16:15 - 16:30 William Stokes (NICEATM, USA)
ICCVAM-ECVAM Evaluation of BCOP, HET-CAM, ICE, and IRE for identifying severe ocular irritants/corrosives
- 16:30 – 17:00 Final discussion about all methods presented
Adjourn of the Workshop