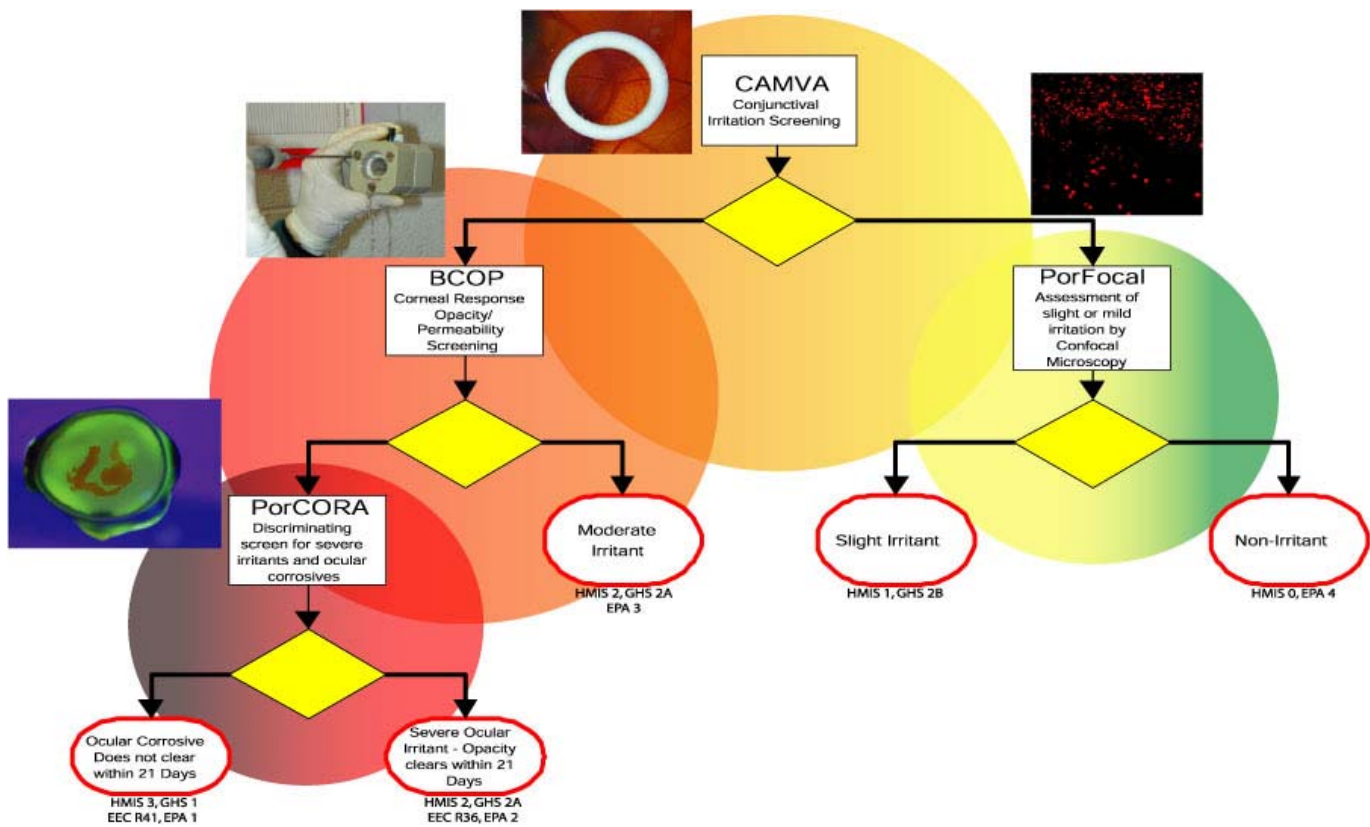




# TOXNews

## MB Research Awarded \$1.1M Research Grant for the Development of a Tiered Testing Strategy to Classify Ocular Irritants using Alternative Toxicology Test Methods.



On 9/27/2010, MB Research was awarded a \$1.1M NIH Common Fund grant for Advancing Regulatory Science through Novel Research and Science-Based Technologies.

Our objective is the development and pre-validation of the **Replacement Ocular Battery (ROBatt)**, a tiered testing strategy consisting of a battery of four alternative ocular irritancy assays, which will replace regulatory mandated acute ocular irritation testing using the Draize Rabbit Eye test. Results and protocols from this project will be submitted to ICCVAM/ECVAM for consideration as a standalone alternative. Validation and acceptance of the ROBatt testing strategy will significantly reduce the number of rabbits used in the toxicological assessment of consumer products, chemicals and raw materials by replacing rabbits with four robust alternative assays. These assays were chosen for their ability to determine specific levels of ocular irritation.

- **Bovine Corneal Opacity and Permeability Assay (BCOP)**
- **Chorioallantoic Membrane Vascular Assay using 10-day fertile chicken eggs (CAMVA)**
- **Porcine Corneal Reversibility Assay (PorCORA)**
- **Porcine Confocal Assay (PorFocal)**

If you would like to know more about this project, please contact:

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