



Interagency Coordinating Committee on the Validation of Alternative Methods

International Activities, Challenges, and Opportunities

Abigail Jacobs, PhD
Co-Chair, ICCVAM
US FDA-CDER

Warren Casey, PhD, DABT
Director, NICEATM
NIEHS / NTP

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Research Triangle Park, NC

Agency for Toxic Substances and Disease Registry • Consumer Product Safety Commission • Department of Agriculture
Department of Defense • Department of Energy • Department of the Interior • Department of Transportation
Environmental Protection Agency • Food and Drug Administration • National Institute for Occupational Safety and Health
National Institutes of Health • National Cancer Institute • National Institute of Environmental Health Sciences
National Library of Medicine • Occupational Safety and Health Administration

International Collaboration

International collaboration, harmonization, and adoption of alternative test methods are high priorities for ICCVAM.

- OECD Test Guidelines program provides a mechanism for the international evaluation and adoption of alternative methods by its 34 member countries.
- The International Cooperation on Alternative Test Methods (ICATM):
 - United States, Canada, Europe Union, Japan, and Korea
 - Promote international cooperation in the critical areas of validation studies, independent peer review, and development of harmonized test methods
 - Primarily focused on the testing of cosmetics

International Collaboration

- ICCVAM is continuing to work with EURL-ECVAM on a process that will enable US scientists to participate actively in the EURL-ECVAM test method evaluations.
- U.S. designees participate in each of the various steps of the evaluation from test method submission, to validation study design, to peer review, to final recommendations.

International Coordination

- ICCVAM agency experts are participating on international expert working groups and validation management teams
 - ECVAM VMT for in vitro hepatic human-derived test methods for assessing induction of Cytochrome P450 enzymes (CYPs)
 - ESAC Working Group on skin sensitization
 - ESAC Working Group on ocular irritation
 - JaCVAM VMT: Vitrigel EIT for eye irritation testing
 - JaCVAM VMT: Vitrigel SST for skin sensitization testing
 - JaCVAM VMT: IL-8 Luc for skin sensitization testing
 - JaCVAM VMT: Hand1 Luc for developmental toxicity testing
 - JaCVAM VMT: SIRC CVS for eye irritation testing
 - BraCVAM VMT: HET-CAM for eye irritation testing
 - KoCVAM Workshop: Validation Management for Alternative Test Methods

International Coordination

- FY 2016 Goals:
 - Nominate ICCVAM agency experts to international expert working groups, validation management teams, and organizing committees
 - Serve as a forum to communicate updates to ICCVAM agencies on international activities relevant to the 3Rs
 - Nominate methods for interlaboratory validation to the EURL ECVAM network of testing laboratories
 - Continue active participation in ICATM
 - Work with ECVAM on a process for test method acceptance

Questions for SACATM

Please suggest strategies to accelerate the international adoption of 3Rs methods