

HANDS-ON WORKSHOP ON ALTERNATIVES AND SKIN IRRITATION TEST ACCORDING TO OECD TG-439

Jamia Hamdard, New Delhi :: November 26, 2018

Jamia Hamdard in collaboration with EPISKIN Academy, France under the aegis of Indian Society for Alternatives to Animal Experiments announces a Hands-on Workshop on Alternatives and Skin Irritation Test as per OECD TG-439 on November 26, 2018 as a Pre-Conference event of the National Conference on Alternatives to Animal Experiments (NCAAE-2018). The program includes presentation in alternates and hands-on manipulation with real reconstructed human epidermis (RHE) models. The training is based on the OECD TG439 for *in vitro* skin irritation test for chemicals with EPISKIN reconstructed human epidermis. This method has been selected in accordance to its status of regulatory method based on RHE model, robust and widely used, easy to handle and easy to implement.

Each participant will have opportunity to assess the skin irritation potential of unknown products such as liquid, solid and paste.

Who should attend

Research Scholars, Post-doctoral Fellows and Faculty in the field of toxicology, pharmacy, medicine, clinical research and biotechnology, CRO investigators and research staff and regulatory staff.



<http://www.episkin.com/>

EPISKIN Academy (France) offers a platform for users of 3D models and supports for implementation of 3D based standard protocols. It also assist for developing new applications of human reconstructed epitheliums. The academy promotes scientific expertise and uses of 3D models by interacting and networking with scientific community. It actively participates in congresses, workshops for sharing scientific results onto human 3D models and promotes publication of new data generated by its worldwide customers. EPISKIN Academy is committed to principles 3Rs by offering training opportunities to scientists, students and future stakeholders to meet the scientific and regulatory challenges in the field of alternative to animal testing.

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Faculty

Christian Pellevoisin, PhD

Dr Christian Pellevoisin is Scientific Director, EPISKIN Academy – France. After a PhD in neuroscience at the French National Institute of Health and Medical Research (INSERM) he had a temporary teaching position at the University of Tours (France). He joined L'Oréal in 2000 at the Life Science Research Center where he implemented some *in silico* tools for *in vitro* toxicology. In 2004 he moved to scientific communication in the field of alternative methods and tissue engineering. In 2011 he joined EPISKIN, a subsidiary of L'Oréal, dedicated to development and production of reconstructed human epithelia. He is in-charge of EPISKIN Academy, a transversal program to support the use 3D models for efficiency and safety assessment and to relay EPISKIN commitments to 3Rs.

Support

Poonma Goswami, PhD

Dr Poonam Goswami is a SERB National-Post-Doctoral Fellow at the Department of Medical Elementology & Toxicology. She did her PhD work at the CSIR-Central Drug Research Institute, Lucknow. Her area of research is chemically-induced endoplasmic reticulum stress assessment using *in vitro* and *in vivo* models.

Mirza Masroor Ali Beg, PhD

Dr Mirza Masroor Ali Beg is a SERB National-Post-Doctoral Fellow at the Department of Medical Elementology & Toxicology. He did his PhD work at Maulana Azad Medical College, Delhi University, Delhi. His research interest includes analysis of *in vitro* gene expression related to autophagy and apoptosis.

Program detail

- Presentation of the OECD TG439 for *in vitro* Skin Irritation Testing of Chemicals.
- Allocation of three reconstructed epidermis (RHE) per trainee: Pre-incubation and Exposition.
- Presentation on Regulation, Alternative Methods, Tissue Engineering.
- Rinsing and MTT exposure of the RHE.
- Questions/discussion on Alternatives Methods.
- Analysis of the results.
- End of the training and distribution of certificates.

[For registration and other detail contact by e-mail to:](#)

Prof. S. Raisuddin, Organizing Secretary-
NCAAE-2018

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