



ONLINE SAFETY ASSESSMENT OF COSMETICS IN THE EU : TRAINING COURSE - February 2022

PROGRAMME

Welcome by the organiser of the course
Prof. V. Rogiers (VUB, BE)

Session 1: Key issues in Regulatory Safety Assessment of cosmetics in EU

- Actual cosmetic legislation in the EU: Regulation EC 1223/2009 - Changes expected for the near future?
Dr. G. Renner (Cosmetics Europe, BE)
- Borderline issues in the context of cosmetics.
Dr. G. Renner (Cosmetics Europe, BE)
- Hazard, risk, risk assessment and risk perception: key factors in the safety assessment of cosmetics.
Prof. V. Rogiers (VUB, BE)
- Exposure to cosmetics and risk assessment calculation (MoS, TTC)
Prof. V. Rogiers (VUB, BE)

Session 2: Local toxicity: Skin & Eye irritation

- Skin irritation: clinical aspects, mechanism, human volunteer studies, investigated cosmetics and ingredients.
Dr. Martine Grosber (Universitair Ziekenhuis Brussel, BE)
- *In vitro* evaluation of skin irritation of cosmetic ingredients and products.
Dr. A. Schepky (Beiersdorf AG, DE)
- Eye irritation: compounds concerned and *in vitro* screening techniques of eye irritation.
Dr. F. Van Goethem (Johnson & Johnson Pharmaceutical R&D, BE)



Session 3: Local toxicity: Photosensitisation and Skin sensitisation

- Skin sensitization: clinical aspects, mechanism, human volunteer studies, investigated molecules.
Prof. A. Goossens (KU Leuven, BE)
- Skin sensitization testing of cosmetic ingredients using 3R methodologies.
Dr. E. Corsini (University of Milan, I)
- Risk assessment (and management) of fragrance ingredients – the voluntary approach taken by the fragrance industry.
Dr. M. Vey (IFRA, BE)
- Mechanism and in vitro methodology for photoirritation testing of cosmetic ingredients in the EU.
Prof. J. Castell (University of Valencia, ES)

Session 4: Selected topics in Safety Assessment of cosmetics and their ingredients

- Dermal absorption of cosmetic ingredients.
Dr. W. Steiling (Henkel AG & Co. KGaA, DE)
- Risk assessment of cosmetic ingredients with respect to inhalation.
Dr. W. Steiling (Henkel AG & Co. KGaA, DE)
- Genotoxicity and mutagenicity testing of cosmetic ingredients.
Dr. R. Fautz (KAO Group, DE)
- Safety assessment of nanomaterials in cosmetic products.
Dr. U. Bernauer (BfR, DE)
- Packaging under Regulation (EC) 1223/2009.
Dr. A. Fuchs (KAO Group, DE)
- Practical aspects of making a product information file (PIF).
Prof. V. Rogiers (VUB, BE)

Session 5: **New ways to perform Risk Assessment of cosmetic ingredients**

- New Generation Risk Assessment (NGRA): Principles and tools.
Prof. P. Carmichael (Unilever, UK)
- In silico modelling and read-across in risk assessment of cosmetic ingredients.
Prof. Q. Chaudhry (Chester University, UK)
- NGRA in systemic toxicity: case study of phenoxyethanol.
Dr. G. Ouedraogo (l'Oréal, F)
- Defined Approaches (DAs) and NGRA for skin sensitisation.
Dr. P. Kern (P&G, BE)
- Overview of validated new Approach Methodologies (NAMs)
Prof. Vera Rogiers (VUB, BE)
- Safety Assessment of cosmetic ingredients by industry without animal testing
Dr. C. Goebel (Coty, DE)

Session 6: **Exercises on aspects of PIF and application of Cosmetics Regulation in the EU**

Exercises on product information file and Regulation 1223/2009 under the supervision of Prof. V. Rogiers & Prof. T. Vanhaecke (VUB, BE)

Online exam: **After March 7, date and time to be determined.**

You will have 1h15 to complete the exam

10 short questions and 1 PIF/Regulation exercise