

ONLINE TRAINING IN DERMATO-COSMETIC SCIENCES WITH FOCUS ON EFFICACY MEASUREMENT

ON LINE
- 5 ECTS CREDITS -

PROGRAMME

Welcome and Introduction to the online course

Prof. Dr. V. Rogiers (Vrije Universiteit Brussel, BE)

Session 1 : Legislative aspects of dermato-cosmetic products

- **Actual EU cosmetics legislation Regulation EC N° 1223/2009.**
Dr. G. Renner (Cosmetics Europe, BE)
- **Cosmetic Claim Substantiation under Regulation EC N° 1223/2009 and ISO16128.**
Mrs. E. Dietrich, Esq. (Cosmetics Europe, BE)

Session 2 : Skin and skin care

- **Anatomy and physiology of skin and hair as seen by a dermatologist.**
Dr. M. Grosber (Vrije Universiteit Brussel, BE)
- **Microbiome of the skin.**
Dr. ir. C. Callewaert (Universiteit Gent, BE)
- **Skin types and their daily care**
Prof. Dr. V. Rogiers (Vrije Universiteit Brussel, BE)

Session 3 : Importance of the barrier function of the skin

- **Barrier function of the skin.**
Prof. Dr. N. Schürer (Universität Osnabrück, DE)
- **Skin care of the napkin zone.**
Dr. S. Brink (Procter & Gamble, DE)
- **Dermato-cosmetics affecting the barrier function.**
Prof. Dr. K. De Paepe (Vrije Universiteit Brussel, BE)

Session 4 : Safety of dermato-cosmetic products

- **Introduction to risk assessment of cosmetics today: an *in vitro* challenge.**
Prof. Dr. V. Rogiers (Vrije Universiteit Brussel, BE)
- **Side effects of cosmetics**
Dr. Martine Grosber (Universitair Ziekenhuis Brussel, BE)

Session 5 : Sun, skin and aging

- **Introduction to the world of sun and skin.**
Prof. Dr. P. Matts (Procter & Gamble, UK)
- **Overview of available UV-filters.**
Prof. Dr. P. Matts (Procter & Gamble, UK)
- **Vitamine D and the skin.**
Prof. Dr. J. Gutermuth (Universitair Ziekenhuis Brussel, BE)
- **Fundamental concepts in skin aging.**
Prof. Dr. J. Gutermuth (Universitair Ziekenhuis Brussel, BE)
- **New technologies to study skin ageing at the molecular level.**
Dr. D. Gunn (Unilever, UK)

Session 6 : Efficacy testing of cosmetics

- **Sensitive skin, tests available and objectivation by functional Magnetic Resonance Imaging (MRI).**
Dr. B. Querleux (L'Oréal, FR)
- **Microrelief and wrinkle measurements.**
Dr. B. Querleux (L'Oréal, FR)
- **Use of *in vitro* methods in efficacy testing of cosmetics.**
Dr. D. Petersohn (Henkel AG & Co. KGaA, DE)
- **Skin hydration and TEWL measurements in efficacy testing of cosmetics.**
Prof. Dr. V. Rogiers (Vrije Universiteit Brussel, BE)
- **Creating consumer appreciation with sensory analysis.**
Dr. J. Vollhardt (DSM, CH)