

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

ON LINE  
- 5 ECTS CREDITS -

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### PROGRAMME 2021

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#### 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)*
- **Environmental Claims**  
*Mrs. M. Van Deurzen (Unilever, NL)*

#### 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)*