



TESTING & THE TECHNICAL SEMINAR BY

2 April - Day 1

Theatre 1

10:20 - 10:50 | **Substantiating anti-pollution, blue light and microbiota cosmetic claims**

Speaker: *Jessen Curpen, Scientific & Innovation Lead, CIDP*



Pollution, blue light and skin microbiota are real buzz words in the cosmetic industry. Many companies are already advertising these new claims, but there is no standardized method for their substantiation. CIDP has recently set up innovative equipment and study protocols. The Controlled Pollution Exposure System can dose specific pollutants at controlled concentration on the skin and has helped to identify specific biomarkers to objectively substantiate the anti-pollution claim. Calibrated Blue Light sources of different wavelengths have also been developed to substantiate the Blue Light Protection claim. CIDP is also investigating the effect of different air pollutants on skin microbiota.

Theatre 3

09:50 - 10:20 | **Skin microbiome for a personalised beauty care**

Speakers: *Veronica Poletti, Specialist R&D Virology and Toxicology, Mérieux NutriSciences - Vanessa Rouaud, Business Developer - Microbiome & Central Lab Services, Biofortis Mérieux NutriSciences*

Skin microbiota is extremely important to the skin health and it plays an essential role in skin protection against external infectious or toxic substances. Various factors, including the use of antibiotics, cosmetics, soaps, personal care products, and living conditions such as lifestyles and nutrition habits can influence the skin microbiome. It is important to maintain the SKIN MICROBIOTA EQUILIBRIUM to preserve the best physiology of the skin. We have developed a robust strategy to provide a complete service for demonstrating the real efficacy of beauty products that claim for microbiome on their label.

12:20 - 12:50 | **Everything you always wanted to know about in vitro toxicology for cosmetics**

Speaker: *Frederic Nunzi, Head of IDEA Lab, IDEA Lab - IDEA TESTS GROUP*

Since March 2013 and the animal testing ban, the determination of raw material toxicological profile is now based solely on in vitro tests. Various parameters have to be controlled: ocular and skin irritation, phototoxicity, genotoxicity, sensitization, acute toxicity and now endocrine disruption potential. Due to the continuous progress on alternative methods development, the available tests are numerous and can appear sometimes redundant. Manufacturers have to make a difficult choice between different strategies, more and more complex, in order to evaluate the safety of their products. This presentation aims to guide them through the intricacies of in vitro regulatory toxicology.

3 April - Day 2

Theatre 1

12:40 - 13:10 **Claim support for aluminium-containing and aluminium-free antiperspirants efficacy**

Speaker: *Gunja Springmann, Head Business Development, proDERM Institute*

In the recent years, innovative and challenging claims have been substantiated for deodorant and antiperspirant products. Since a debate about the correlation between aluminium-containing antiperspirants and the risk of breast cancer came up, the demand for aluminium-free products strongly increased. Contradictory results of studies have shown that the standard test designs do not reflect the properties of aluminium free antiperspirants adequately. We present well-known accepted designs for the assessment of Aluminium-containing and Aluminium-free Antiperspirants as well as a new measurement method via capacitive contact imaging to determine the sweat reducing efficacy of that new generation of products.

4 April - Day 3

Theatre 1

16:00 - 16:30 | **Redefining anti-ageing concept: treatment or prevention?**

Speaker: *Irene Zaldivar Notario, Strategy & Business Development Manager, Zurko Research*



There is several internal factors that affect our appearance and natural ageing process (mainly genetic factors). Also, there is a great correlation between certain external factors and how they act by modifying the age of our skin. Thus, epigenetics play a fundamental role since they analyse how external factors interact with our genes. Throughout the presentation, we will discuss the new trend of cosmetic products focusing on the prevention of the exposome or external factors to which we daily expose ourselves (solar radiation, pollution, stress, food...) and to which influence directly our cutaneous ageing and the relations with our biological clock.

Theatre 3

12:20 - 12:50 | **The Perfex vivo system: the missing bridge between ex vivo and in vivo models**

Speaker: *Laurent Peno-Mazzarino, Studies Director, Laboratoire BIO-EC*

To evaluate cosmetic products, several biological models are available: in vitro, ex vivo and in vivo models. Ex vivo models are well known to be close to the normal skin, particularly explants, but cell culture conditions are not adapted to the stratum corneum. To solve these problems, we have developed Perfex vivo! This new ex vivo model allows to perform in vivo biometrological measurements and to study the SC closer to normal environmental conditions. The skin can be exposed to a wide range of external aggressions and the activity of the tested products can also be evaluated by classic technologies.

14:00 - 14:30 | **Is the consumer safety still at the heart of our cosmetics developments?**

Speaker: Charles Reinier, Technical Director, COSMEPAR COSMEBAC ANALYTEC



In this Technical Seminar, COSMEPAR will present the observed and quantified trends of testing over the last five years and several hundred thousand of trials by COSMEPAR.

Talk with us about your testing project at **"Boost Your Test" Zone, Booth Q120**

Easily retrieve the methods and the CRO's which support your product claims

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