

# zoom #11

BY SKINOBS

3 years!

édito



Come to talk with us at the **"Boost Your Test"** zone [Q120], a unique and new highlight dedicated to testing organized by in-cosmetics in Paris. It means that we will have three days to speak with you about devices, in-vitro and human testing. We will be able to answer specifically your questions about Skin Protection Evaluation, Sun protection, Anti-pollution, Anti-ageing and give you new ideas for your future claim substantiation. Please find in this newsletter the latest news of our partners' instrumentation and testing labs: Cerco, CIDP, Cosmepar, Dermatec, Eurofins DermScan, Eotech, Eurofins, I.E.C, Intertek, Microfactory, Newtowne Technologies, Phylogene, Sterlab, Straticell and the **Boost Your Test partners: Helioscreen, PhDTrials and Complife Group.**

Happy reading!  
Anne Charpentier, CEO



We thank all our partners for their trust. They enable us to offer the Cosmetics Community an easy tool to help in the claim substantiations. We are really glad to share this success with you.

## What's inside ?

5 years ago, we found that information about skin biometry and testing for Clinical Evaluation was poorly accessible. In 2015, we began to design the database referencing methods, **devices and testing laboratories for Clinical Trials**. Our approach has been always collaborative, integrating information from all stakeholders to build a useful and **easy-to-use tool for all cosmeticians**.

The free access to the Skinobs database, in 2 clicks, enables you to:

- Find the right partners for your claim evaluation,
  - Directly send an email to the Testing Lab to get further information,
- Skinobs platform is today an **international database** with a proven expertise **which represents a unique synthesis about Clinical testing**. You find 5 sections:
- Tolerance
  - Use tests
  - Sensory Analysis
  - Biometrological Testing
  - Fibres testing

Let ask specific requests and give us your feedback at [contact@skinobs.com](mailto:contact@skinobs.com)

### Statistics of Skinobs traffic



\*Since Jan. 2019

\*average session lasting since Jan. 2019

\*in the year 2018

## Accelerate your search on Anti-pollution testing:

The "clinical" platform proposes the following results:

+19 Methods

+ 44 Testing labs

+ 30 countries

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

*轻松找到支持您化妆品声明\*的方法与供应商*

*귀사의 코스메틱 제품이 주장하는 효능을 뒷받침해 주는 실험 방식과 제공 업체를 간편하게 검색하세요*

*Einfaches Auffinden der Methoden und Dienstleister, die Ihre kosmetischen Claims unterstützen.*

*Encontrar fácilmente los métodos y los proveedores que apoyan las declaraciones de los cosméticos.*

*貴社製品の試験に協力可能なパートナー、メソッドを簡単に検索*

CONNECT FOR FREE  
SKINOBS.COM

Discover  
220 tests  
60 claims  
30 countries



# BOOST YOUR TEST

## DISCOVER THE LATEST TESTING TRENDS

in-cosmetics Paris, 2-4 April 2019 - Booth Q120

Sponsored by

COMPLIFE  
GROUP



HelioScreen

### Skin aging efficacy assessment for cosmetics by Complife Group



Skin aging is the unmasked to eyes part of the **natural human "aging mosaic"**. Although wrinkling, dark spots and sagging are the most clinically visible signs of skin

aging, everything else that happens before and, in the meantime, makes the difference between the antiwrinkle and the real antiaging cosmetic approach. For this reason, **Complife has developed a series of human study protocols** aimed to deepen the knowledge of the mechanism of action of both cosmetic ingredients and finished products. Among others, **in situ biochemical** measurements are a useful tool to go in depth in the skin molecular mechanisms causing aging.

[www.complifegroup.com](http://www.complifegroup.com)

Booth Q132

This is the 2nd Opus of the "Boost your Test" initiative; organized by in cosmetics in Paris. It is an interactive area dedicated to cosmetic testing trends, which is brought to you in partnership with Skinobs.

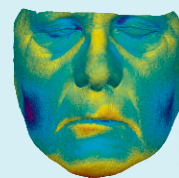
#### What will be covered in "Boost Your Test"?

The feature will spotlight clinical testing, in-vitro testing, all within the categories of skin protection, anti-pollution, microbiome, and anti-ageing, Haircare and Imaging.

Visitors can explore the feature and discover through information posters and digital presentations how each of these innovative methods ensure the performance evidence of personal care products.

### Advance Image Analysis by PhD Trials

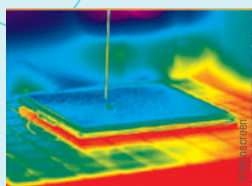
Image analysis is a key point for Cosmetic Industry to have a better understanding of their products, to relate products efficacy with consumers impressions and, therefore, is a powerful tool to help marketing promotion. PhD Trials® offers **multiple options of image acquisition and analysis**, from facial and hand skin evaluation to hair and nails evaluation. Techniques such as mean face, **multiple 3D imaging and skin biomechanics imaging**, allow to show several skin parameters, on an in vivo non-invasive and illustrative way, and therefore they can be useful on the assessment of skin ageing, skincare and make-up and haircare effects.



[www.phdtrials.com](http://www.phdtrials.com)

Booth M108

### In vitro Blue Light and Infrared protection by HelioScreen Lab

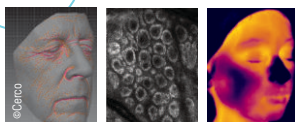


Considering more and more sun care products aim to claim Blue Light or Infrared protection, it is important to **standardize the parameters** by which they are evaluated. Indeed, these protection factors should be comparable between products and provide the balance of UV, visible and Infrared protection within a single product. Therefore, by testing many products, an **innovative in vitro method** was developed to assess the Blue Light or the Infrared protection provided by sun care products based on different criteria.

[www.helioscreen.fr](http://www.helioscreen.fr)

Booth Q87

### Always more imaging at CERCO



Imaging takes an increasingly prominent place in the evaluation of a cosmetic effect: it allows to understand what a figure visually corresponds, to illustrate measured effects and it provides **flexibility in the choice of areas of interest** after capturing the image. The image translation of a physical measure allows to **be closer to what a consumer will see** after using a product; Whether it is for surface measurements as well as for measurements in deeper skin layers, imaging helps to **better understand the skin** and its evolutions and opens new fields of exploration.

[www.cercotest.com](http://www.cercotest.com)

### New in anti-pollution at Intertek!



Intertek Clinical Studies is developing a new anti-pollution protocol under **real conditions of urban pollution**. By directly measuring the state of the **oxidative stress of the skin** at a time T, Intertek can evaluate the improvement or the retention of this condition after exposure to urban pollution [Paris intramural]. The clinical team, always concerned to bring to its customers **innovation and quality**, is surrounded with experts in various domains and in particular in the domain of the antioxidant.

[www.intertek-france.com/etudes-cliniques](http://www.intertek-france.com/etudes-cliniques)

Booth P104

### Test the impact of cosmetics on cutaneous microbiota by Eurofins



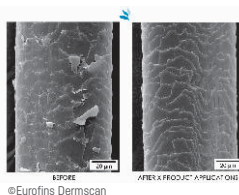
Various factors can alter human skin microbiome, a state referred to as dysbiosis. The cosmetics should respect and maintain the microbiota. Thanks to **DNA sequencing** techniques is possible to analyse the skin bacterial community. The study skin area is swabbed with sterile swabs. The genomic DNA from the swab heads is extracted using Ion **16S Metagenomics Kit** (ThermoFisher Scientific). The kit uses two primer pools to amplify **seven hypervariable** regions (V2, V3, V4, V6, V7, V8, and V9) of bacterial 16S rRNA. With this **innovative test** is possible to study the changes in the skin microbiome after testing cosmetic products.

[www.eurofins.com/csometics/](http://www.eurofins.com/csometics/)

Booth N109

# HOW OBJECTIVATE HAIRCARE CLAIMS ?

Hair and beauty are a wide field of investigation for both devices manufacturers and testing laboratories. Shampoos, conditioners, colorations, permanents, styling gels, offer various ways to follow the hairstyle trends. Cosmeticians makes so many organoleptic designs possible with a multitude of benefits whatever is the Hair type: **Care, Volume, Anti-Frizz, Smoothing, Flat Hair, Repair, Gloss, Shine, Colour, Fine Hair, Curly Hair, Restore, Anti-Sebum, Anti-Dandruff, UV Protection, Anti-Breakage, Moisturising...**



©Eurofins DermScan

The list of the biometrological protocols dedicated to fibres and head testing is vast focusing different targets: the scalp, the cuticle, the cortex, the hair structure and mechanisms or the growth...

- **Fibre physical aspects** and swelling Analysis: hair cross-section by dimensional Analysis, Sound probe, DSM770.
- **Mechanical analysis** for suppleness, flexibility, break resistance, smoothness: with tensile, Stress Relaxation, Fibre Bending, Torsional Analysis, Combing Analysis, Friction, Curl Compression, Three Point Bend, by Fibrotest, MTT175, XLW Auto Tensile Tester, FTT950, MTT690, CYC801
- **Global hairstyling:** Anti-Frizz, Volume, Curls, Bending Force, Remain Hold, Flexible Hold, Combability, FBS900
- **Hair structure and permeability:** infra-red, interferometric, fluorescence and confocal microscopy...
- **Color and shine:** permeation, Color Fade, bleaching test, by Spectrophotometer, SpectraCam, Samba Hair

**Specific claims:** Anti-sebum, Anti-Dandruff by gravimetry, Hair Loss by trichogramm.

The major issue of this beauty category is to answer the needs to combat both intrinsic and external damages and protect from the environmental conditions. To substantiate all claims there are many protocols analysing at both microscopic and global scales.



30 METHODS



35 TESTING LABS  
IN 20 COUNTRIES



MORE THAN 10  
DEVICES MANUFACTURERS

## CIDP, your leading partner to substantiate your hair care claims



In order to substantiate new hair care claims, CIDP has developed **in vitro and ex vivo testing methods using natural hair strands**. With a

subsidiary in Brasil, CIDP has access to an ideal population with all hair types.

Comprised of experts in hairdressing and dermatology, CIDP Brazil focuses on specific product claims such as **protection against pollution, repair of damaged hair from chemical aggression, color protection, hair shine and volume, breaking and hair fall and many more**. It also proposes innovative protocols to substantiate new claims such as "**hair faint**" (great straightening efficacy).

[www.cidp-cro.com](http://www.cidp-cro.com)

Booth P111

## A unique in vitro model of age spots by StratiCell



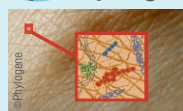
StratiCell has developed a unique in vitro model of age spots based on **specific culture conditions with melanogenic growth factors** that induce hyperproliferation and hyper-

pigmentation of the epidermis, showing histological similarity to in vivo observations. This model is a **powerful tool** for assessing the efficacy of compounds aimed at attenuating age spots, primarily through melanin measurements and dermoscopy. In addition, StratiCELL has configured thematic **qPCR arrays to simultaneously study 96 key genes** involved in melanogenesis and skin pigmentation. Furthermore, a **transcriptome-scale study** can also be performed, with the data being appropriately analyzed through a proprietary database focused on skin biology.

[www.straticell.com](http://www.straticell.com)

Booth P110

## HolXplore™, a new complete Data Processing module for simultaneous metaproteomics analysis and it's microbiota by Phylogene.



With metaproteomics comparative study of **skin or hair swabs** by mass spectrometry, up to 5000 proteins can now be identified and then up- and down-regulated proteins quantified. The huge amount of data obtained are processed by a new HolXplore™ data processing module which generates in three successive steps :

- A **taxonomic analysis** of the diversity associated with different experimental conditions,
  - A **functional analysis** in parallel for 1) Bacteria, 2) Fungi and 3) Homo sapiens taxons,
  - **Correlations** between different functions and/or taxons and possible biological effects, up to possible claims.
- As proteins are in charge of structure and functions in the cell, you can now get a real view on what really occurs when an ingredient or a product is used on skin or hair and their microbiotas.

<http://ms.phylogene.com>

Booth P90

## Partners key figures

1

EvaSKIN/VisioTOP configuration left with 30% discount by **Eotech**

15

years of Images Analysis expertise by **Newton Technologies**

20

years of scientific objectivation for cosmetics by **PhD Trials**

40

years of expertise in anti-aging claims objectivation by the **Cerco**

50

hair care studies are conducted by **CIDP** per year

120

antiperpirants evaluated by **Microfactory** in 2018

400

m2 offered by **Dermatec** for its investigational platform

1998

creation of IEC JAPAN, 1st subsidiary of **IEC Group**

13 500

vitro & vivo studies performed in **Eurofins Cosmetics Network**

53 000

multi ethnic subjects in **Eurofins Cosmetics network**

180 000

analysis performed by the **Cosmepar Group** in 2018

## The New Skinobs Platform is Preclinical

**Models | Mechanisms of action | Methods**

This portal dedicated to pre-clinical testing is currently under development.

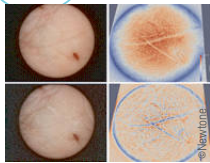
You will find your testing partners for the safety and efficacy assays on skin explants, monolayer or 3D cells, reconstructed skin models or 3D bioprinting skin.

**Pre-register to be informed of the launch on**  
[www.skinobs.com](http://www.skinobs.com)

## News

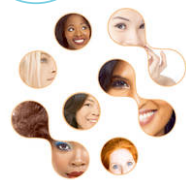
Read the latest news on cosmetics testing. Subscribe to the online Newsletter :  
[www.skinobs.com/news](http://www.skinobs.com/news)

## Newton's new solutions will make "CRO at home" a reality and the client a Queen



In 2019, Newton's range of devices for **small skin surfaces**, **NomadCam®**, **SpectraCam®** and other tailor made devices, is being completed, with new nomad systems enabling to get **macro-imaging under different kind of illumination** to obtain a more exhaustive characterization of all skin areas. These Newton's new developments will make the concept of "CRO at home" a reality as subjects' skin can be under scrutiny at the clinical testing laboratory and followed up at home. These inventions will open new opportunities for **"traffic stoppers" aficionados**. And if the consumer can visualize the clinical study average results to her face before buying the product, then it becomes real.... That's Newton's latest illustration innovations path. [www.newtone.fr](http://www.newtone.fr)

## Eurofins-DermScan: worldwide facilities to objectivate all skin types



©Eurofins-DermScan

Until very recently, cosmetics were mostly developed and tested on Caucasian skin. However, with the high growth of populations in Asia and Africa, Caucasian people will soon represent a minority (less than 15% as early as 2050). Today, an active research is performed on the **needs and cosmetic usages** of women (and men) all over the world. The aim is to understand, at the cutaneous level, the **specificities of each ethnic group** to design tailored cosmetics. Thanks to its **worldwide facilities**, Eurofins-DermScan can easily perform clinical testing on all skin types and comparative studies on various ethnic groups.

[www.eurofins.com/cosmetics/](http://www.eurofins.com/cosmetics/)

Booth N109

## Dermatec is expanding and moving closer to the CLMO\*



After the inauguration of its first premises in 2018, Dermatec is widening its **investigational platform** and stock of **high-performance instruments** (Dermo, ColorFace...). Now **evolving in a 420m<sup>2</sup>**, the company offers new opportunities based on its dermatological expertise as well as analytical methods. Already benefiting from a strategic location next to Lyon, Dermatec is moving even more closer to the CLMO and sharing their expertise in cutaneous diagnosis. It enables the optimization of treatments implementation, volunteers' care and data/effects analyses together with their interpretation. Dermatec is continuing its dermocosmetics rise relying on a close relationship with LyREC and the CLMO\*.

\*Centre Laser Medical Ouest. [www.dermatec-lyon.com](http://www.dermatec-lyon.com)

## COSMEPAR will be changing its name from early 2019



The COSMEPAR Group will take on a **new identity: CCA Group**. A holding company has been created and the capital has been redistributed between three powerful brands, **COSMEPAR, COSMEBAC and ANALYTEC**. CCA Group is taking the opportunity to review all its communication this year, including logos, visual identity, website and social networks. This is

the largest redeployment since the creation of COSMEPAR **over 40 years ago**. The purpose of this new identity is to communicate the group's ambitions more clearly, and to further facilitate the cross-functionality of services, now the CCA Group trademark. [www.cosmepar.com](http://www.cosmepar.com)

Booth Q158

## IEC Group: The multi-ethnic experience of sensitive skins



©IEC Group

Since the opening in 1998 of its first testing center in Asia (IEC Japan), IEC Group has a database of **thousands of subjects with sensitive skin**, qualified for each country: a great resource to evaluate the **tolerance and performance of international products**. From in use tests under Dermatological control to confirm the **good skin acceptability** to efficacy tests to evaluate the **soothing or protective effects in a polluted environment**, IEC Group is continuing to develop its evaluation capacities in its centers in **Europe**

(France, Bulgaria), **Asia** (Japan, Singapore, Korea and China) and in **South Africa** in reverse seasons. This in order to always meet the **quality, safety and performance requirements**, local and international regulations, scientific communication needs and, of course, the expectations of consumers! [www.iecfrance.com](http://www.iecfrance.com)

Booth Q81

Skinobs Partners of this ZOOM#11



## Eotech ready for the show at in-cosmetics Paris

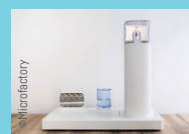


Eotech will present many new possibilities for skin testing on its booth P92 at in-cosmetics Global in Paris:

- 4D Dynamic measurements with the **Aeva-HE 250**,
  - Color option for **high resolution illustration** on a high-resolution 3D model, unmatched today, and still using the AEVA-HE 250!
  - A new concept of microscopy, the **LC-OTC-3D** with incredible resolution!
  - A new high resolution **Ecograph coupled with Doppler effect** capability, the Dub-SRS from TPM,
  - A full range of products from **FibroTx** for more flexibility in non invasive biologic analysis.
- [www.eotech.fr](http://www.eotech.fr)

Booth P92

## Microfactory brings Smart-Pore™ to the heart of the innovation



In a context where 25% of cosmetic products are reformulated each year, industries are daily innovating and developing **new antiperspirants**. These products must be more and more healthy, while maintaining their efficiency and costs optimized. To help innovate antiperspirant products, Microfactory's **patented Smart-Pore™**, an innovative technology that **screens the efficacy of these products rapidly and quantitatively**. Smart-Pore™ **mimics the mechanism of human sweating** with great precision and allows to visualize and quantify the action of antiperspirants. Today Smart-Pore™ expands to other areas, such as make-up and sunscreen product by testing the sweat, **water and sebum resistance on cosmetics**.

[www.microfactory.eu](http://www.microfactory.eu)

Booth Q105

## New in-vitro kits tests ready to use developed by Sterlab



Sterlab proposes a range of in vitro test kit for the quantitative determination of the **proteins or the genes** implicated in the different cellular process. The Sterlab test kit can be used to evaluate e.g **anti-aging, whitening or proliferating compounds** for personal care and/or cosmetic product development. The anti-aging test kit includes **human primary fibroblasts** culture on plates (6-well or 12-well) and all reagents / materials to perform the test. Specific kits for viability, genomic, proteomic or metabolism test are available. [www.sterlab-store.com](http://www.sterlab-store.com)

## Contact

contact@skinobs.com  
[www.skinobs.com](http://www.skinobs.com)

Technolac • 17 rue lac Saint André  
73 370 Le Bourget-du-lac FRANCE