

BOOST YOUR TEST PREPARE FOR THE FUTURE OF TESTS

Testing & Lab Zone - April 2022 - Paris



Methods of the Skin Imaging by Validated Claim Support

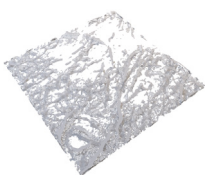


Validated Claim Support is proud to announce that we've recently purchased a Canfield Visia CR Generation 5, and will be one of the first labs in the world to deploy it in a clinical setting. With the **newest version of 3D analysis** capable of 80 nanometer sensitivity through Canfield's Primos capture system at our fingertips, we'll be an early adapter of the new cutting-edge hardware combining high res **2D photography and 3D analysis**.

The new rotational image housing, Canon R5 45mp sensor, and the addition of lateral alignment cameras will allow us to continue providing industry leading clinical imaging/analysis.

www.validatedcs.com | <https://skinobs.com/labo.php?id=222> | Booth R111

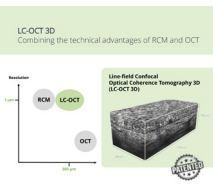
3D Collagen Network Evaluation by PhD Trials



A leading CRO company specialized in In vivo studies for the cosmetics and raw materials companies will be sponsoring the Testing & Regulation area at In Cosmetics Global to show new protocols for claim substantiation. Particularly there will be new procedures for evaluating the **anti-ageing effect using 3d collagen network** reconstructions and skin firming aspects using very high speed cameras (higher than 10000 frames per second).

www.phdtrials.com | <https://skinobs.com/labo.php?id=89> | Booth Q98

Innovative Analysis for Anti-aging Claims by Complife



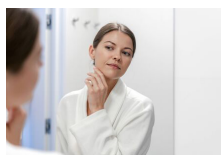
The LC-OCT, Line-field Confocal Optical Coherence Tomography, technique is a medical imaging technique, combining the principles of **confocal reflectance microscopy (RCM)** and **optical coherence tomography (OCT)**. DERMATECH (France) and COMPLIFE (Italie) have this innovative tool and the specific training of technical teams for the use of DeepLive®, developed by Damae Medical, on healthy skin makes it possible

to analyze various parameters such as:

- The thickness of the layers of the skin: stratum corneum and epidermis;
- The state of the keratinocytes: differentiation, density and shape of the nuclei;
- The dermal fiber network.

www.complifegroup.com | <https://skinobs.com/labo.php?id=33> | Booth Q120

Wound Healing in-vitro and ex-vivo by CIDP



Wound healing is an essential process to ensure integrity and normal protective barrier function of the skin after injury. Wound healing includes hemostasis, inflammation, proliferation and migration of the cells at the wound edges. CIDP has developed **in-vitro and ex-vivo methodologies** to study the molecular

mechanisms of wound repair, as well as in the investigation of potential treatments for improved healing. In-vitro assays engage monitoring proliferation and migration of cells at the wound site using **imaging software and immunostaining of components of the extracellular matrix**. Ex-vivo, mechanical or thermal injuries can be performed, and proliferation markers can be evaluated. The monitoring of inflammatory response or cellular crosstalk via the levels PDGF, and pro-inflammatory cytokines can be assessed through ELISA assays.

www.cidp-cro.com | <https://skinobs.com/labo.php?id=44> | Booth S81

in-cosmetics®
global

Booth Q108

Discover BOOST YOUR TEST, organized in collaboration with in-cosmetics Global, in the heart of the Testing & Lab zone. A place where all areas of the preclinical and clinical evaluation connect to discover new methods and CROs, share claim trends and spark potential testing collaborations. It aims to guide you in your evaluation process and to advise whatever classic or innovative claims. This is to help you to identify the most appropriate methods and choose the right CRO around the world that best match your evaluation specifications.

Calibrated Photography & Analysis: a Routine Requiring Vigilance by Orion



The calibrated photography and image analysis using A.I. cover a **large field of investigation** and have become a **reference technique** that constantly evolves. Orion has been working for **25 years to develop multimodality photographic acquisition devices and robust image analysis algorithms** that are less and less manipulator-dependent. Generic acquisition table HeadScan Face&Body (2D and 3D), Dynamics III, HeadScan Light up to the Selfie HomeLab, provide a reliable response, user-dependent and adapted to routine while maintaining a **very high level of quality and reproducibility**. The analyses will soon be integrated into these systems making it possible to produce **automatically of indexes** characterizing the effect of the product. Expertise at the service of your business and your investment for a saving time and ensuring relevant results.

www.orion-techno-lab.com | <https://skinobs.com/instrumentation.php?id=89> | Booth P82

Skin Imaging with Antera 3D by Miravex



Antera 3D, Most Versatile Device on the Market.

The Antera 3D CS is a research-grade camera & software for efficacy claims substantiation for Pharma, Cosmetics, and Biotech research. Antera 3D is the only device combining real 3D imaging with high measurement precision, standardized lighting

conditions, measurement versatility, and powerful data analysis. **Skin profilometer:** measure skin topography, wrinkles, skin texture, pores, acne, scars, volume. **Multi-spectral:** measure pigmentation and vascular lesions, brown spots, hyperpigmentation, rosacea, port wine stains. **Colorimeter:** measure skin colour, skin phototype, ITA angles and colour differences.

www.miravex.com | <https://skinobs.com/instrumentation.php?id=72> | Booth S103

Skin Microbiome Friendly Evaluation by QACS

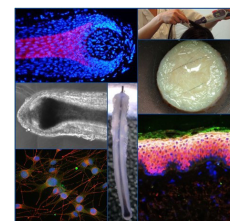
Emerging demands for skin friendly, mild and effective cosmetics resulted increased specialized testing needs. But what should be examined? Preservation Efficacy (PET) known as Challenge Testing, is a regulatory requirement and the appropriate test for preservation against microbial contamination. QACS, the Challenge Test Laboratory provides wide range of challenge test protocols, from the formal **EP and ISO 11930** to the customized **Recontamination, Mixed culture, and Vegan Challenge test**. Antimicrobial action of preservatives and long-term cosmetic exposure may trigger adverse skin effects. Thus, QACS provides studies on the examination of the Preservatives synergistic effect and **in-vitro and in-vivo studies on the Skin Microbiome** friendliness and balance.



www.qacslab.com | <https://skinobs.com/labo.php?id=139> | Booth R88

Physiological Models for Hair & Skin by Monasterium

Monasterium Laboratory is one of the **leading CROs in the field of hair and skin research**. Our vision is to provide our clients and partners with the highest quality research in investigative dermatology and trichology. Working together with consultants from academia and industry, our team of scientific experts provides **unique expertise in establishing and customizing physiological models for human hair and skin research, highly relevant for cosmeceutical applications**.



www.monasteriumlab.com | <https://skinobs.com/labo.php?id=238> | Booth S101