



CONFERENCES SPECIAL TESTING SUMMARY IN SILICO, IN VITRO, EX VIVO, IN VIVO STUDIES

Day-1 - Tuesday, 5th September 2023

HALL#1

SESSION 1 - Rethinking Beauty

Rediscovering Skin Beauty

09:55 RB-02

Redefining the Skin Type: **Microbiome based Segmentation** for Efficient Product Development and Personalization.

Elsa Jungman - HelloBiome, ELSI Skin Health (USA)

Focusing on deliver

11:00 RB-04

Tannic acid-mediated skin-adhesive lipid nanovesicles for improved transdermal delivery.

Jin Woong Kim – Sungkyunkwan University (Republic of Korea)

SESSION 2 - Rethinking Science

14:00 Keynote Lecture

Chemosensory biology of the human hair follicle

Prof. Ralf Paus – Department of Dermatology & Cutaneous Surgery, Miller School of Medicine, University of Miami (USA)

A step forward in hair care

14:45 RS-01

Lipid-Rich Cell Membrane Complex in Hair Strength.
The Procter & Gamble Company (USA)

**Role of
Jennifer Marsh** –

15:05 RS-02

Identification of a **novel rejuvenation marker** for the hair follicle ecosystem.
Annalisa Tito – Arterra Bioscience (Italy)

15:45 RS-04

Days – a response to psychosocial stress? **Molecular analysis** of hair follicles from acute and chronically stressed volunteers.

Bad Hair

Thomas Welss – Henkel Consumer Brands (Germany)

16:30 RS-05

anti-hair loss efficacies using **scalp and hair follicle mimic organoids**.
Seoyeon Kyung – Cosmax BTI (Republic of Korea)

Evaluating

17:10 RS-07

of a novel and highly effective hair growth theory fulfilled by **hair follicle stem cells**.
Tetsuhiro Kikuchi – Milbon (Japan)

Establishment

HALL#2

SESSION 1 - Rethinking Nature

Inspired by Nature: Nature as a mentor

9:55 RN-02

More Than 3-Billion-Year-Old Predator to Naturally Counter a Complicated Member of **the Skin Microbiome**.

Adapting a

Paul Lawrence – Biocogent (USA)

SESSION 2 - Rethinking Beauty

14:00 Keynote Lecture

Sensory inclusion in cosmetics: Future perspectives that will inspire innovation.

John Jiménez – Senior Researcher, Research, Development & Innovation, Belcorp (Colombia)

Making olfactory connections

14:45 RB-07

Deep dive in

emotional communication in humans: study of the transmission of positive emotions through body odours.

Aline Robert-Hazotte – Shiseido Group Europe Innovation Center (France)

15:05 RB-08

Comprehensive In

Vivo Assessment to Evaluate Multisensorial Effects of Scented Body Cleanser Characteristics on Inducing Emotions by Consumer and Neuroscientific Studies.

Nur Huda Arif Indiarjo – Paragon Technology and Innovation (Indonesia)

15:25 RB-09

Olfactory

Stroop Effect: neural correlates of scent cognitive interference.

Hugo Alexandre Ferreira – Universidade de Lisboa (Portugal)

15:45 RB-10

Objectification

of **the sleep-regulating power of a perfume** after repeated use for 28 days to improve long-term effectiveness on sleep quality validated by neuroscience.

Celine Carrasco-Douroux – Symrise (France)

Performance challenges

16:50 RB-12

Effect of

psychological stress on **skin cells** and efficacy of **Medicago sativa sprout extract** to cope with skin signs demonstrated by an innovative approach.

Alessandra Rosano – Akott Evolution (Italy)

17:10 RB-13

A novel

approach: developing the first deodorizing ingredient based on a next generation **ex vivo sweat model**.

Steffen Nordzieke – Symrise (Germany)

Day-2 - Wednesday, 6th September 2023

HALL#1

SESSION 1 - Rethinking Beauty

8:30 Keynote Lecture

Reimagining Beauty: Exploring the intersection of Virtual Reality and Emotional Transformation

Mireia Cigarrán – CEO & co-Founder, VRPharma Immersive Technologies (Spain)

SESSION 2 - Rethinking Science.

Diving into skin senescence

9:15 RS-08

"endogenous senolysis" promotes **skin regeneration by stem cells.**

Yuichiro Ogata – Nippon Menard Cosmetic (Japan)

Activation of

9:35 RS-09

Generation Anti-Aging with Natural Senolytics to **Remove Skin Zombie Cells.**

Leithe Budel – dsm-firmenich (Switzerland)

Next

9:55 RS-10

analysis and integrative approach to evaluate pharmaco-clinical efficacy of a novel combination of active ingredients on senescence and causes of aging.

Patrick Bogdanowicz – Pierre Fabre Dermo-Cosmétique (France)

Multi-omics

10:15 RS-11

Breakthrough on the **skin immunosenescence process** with aging.

Laurie Verzeaux – SILAB (France)

11:00 RB-18

Physically based modeling of the colored appearance of complex media for cosmetics.

Loïc Tran – L'Oréal Research and Innovation (France)

11:20 RB-19

The New **Skin Barrier Insights** for Skin Aging of Asian Ethnic Group from Multi-Omics Study.

Yang Fan – Mageline Biology Tech (P.R. China)

Holistic Beauty

14:00 Keynote Lecture

Dr. Kentaro Kajiya – Vice President Business Core Technology Manager, Shiseido (Japan)

Understanding skin sensoriality and function

14:45 RS-15

The decreased hydrophobicity of corneocytes caused by reactive nitrogen species (RNS) is a critical factor that disrupts **epidermal barrier function.**

Hitoshi Masaki – CIEL (Japan)

15:05 RS-16

The impact of **skin hydration** on pleasant touch: What the nerves tell the brain.

Aurélie Porcheron – CHANEL Parfums Beauté (France)

15:25 RS-17

Breakthrough in **Keratinocyte-Sebocyte Crosstalk** for Skin Homeostasis Highlighted by SR-B1-HypoxamiR Pathway.

Yicheng Xu – Biocosmethic (France)

15:45 RS-18

A new functional aspect of **the stratum corneum**: Its debilitating effect on living epidermal cells.

Satoshi Morita – Naris Cosmetics (Japan)

The right ingredient to get the job done

16:30 RS-19

Porphyrin production by *Cutibacterium acnes*: developing a screening method to **identify novel inhibitors**.

Catherine Zanchetta – Givaudan Active Beauty (France)

16:50 RS-20

A new anti-sagging ingredient with a multi-level action on **skin mechanical properties** from dermo-epidermal junction to dermo-hypodermal junction.

Cécile Bize – SEPPIC (France)

17:10 RS-21

Peptides Mimicking Natural SHBG to burn ectopic Fat. Lipolytic Effect of EDL81 (Acetyl-EDL67) with Dermaceutic Application in Cellulite.

Albert Palomer – Endolipid Therapeutics (Spain)

HALL#2

SESSION 1 - Rethinking Beauty

Revolutionizing Cosmetic Formulations

9:55 RB-16

Anti-aging skin care formulation development guided by knowledge graph and artificial intelligence.

Lun Yu – Metanovas Biotechnology (P.R. China)

10:15 RB-17

Novel transdermal delivery system of taurine crystal microneedles for skincare cosmetics.

Tomohiro Murayama – CosMED Pharmaceutical (Japan)

SESSION 2 - Rethinking Science

New advances in skin biology

11:20 RS-13

New insights on **skin inflammaging**: Bone morphogenetic protein 2 (BMP-2) as novel molecular target in inflammation-induced skin aging via attenuation of epidermal stemness.

Ursula Rho Wan Chong – Winnox Cosmeceutics (Malaysia)

11:40 RS-14

Elucidation of the function of **dermal stem cell-derived exosomes** and its application for age spot improvement.

Ayumi Sanada – Nippon Menard Cosmetic (Japan)

SESSION 3 - Rethinking Beauty

Exploring innovative solutions

16:30 RB-21

A new approach to evaluation of cosmetic film using scanning **electron microscopy and X-ray microscopy.**

Chaeyeon Song – AMOREPACIFIC (Republic of Korea)

Day-3 - Thursday, 7th September 2023

HALL#1

SESSION 1 - Rethinking Science

Microbiome takes center stage

8:30 Keynote Lecture

Skin modulation through **microbiome engineering**

Dr. Marc Güell – Translational Synthetic Biology Research Group Leader, Universitat Pompeu Fabra (Spain)

9:15 RS-22

Study of RoxP, an antioxidant protein of *Cutibacterium acnes* secretome **for skin defense.**

Nicolas Pelletier – BASF Beauty Care Solutions (France)

9:35 RS-23

Artificial Intelligence and Skin Metabolomics Analysis to Identify Biomarkers of Acne-Prone Skin.

Donovan Taylor – Finally Skincare (USA)

9:55 RS-24

Demonstration of vitamin-B5 production by skin microbiome using **in-vivo metabolomics.**

Céline Laperdrix – Codif International (France)

Innovation through new technologies

11:00 RS-26

A Novel Cutaneous UVR Protection Mechanism Derived from **Bioinformatics Analysis.**

Hisashi Yoshioka – Nippon Menard Cosmetic (Japan)

11:20 RS-27

Comparison of facial skin ageing in Caucasian and Asian populations using line-field **confocal optical coherence tomography** coupled with artificial intelligence.

Franck Bonnier – LVMH Recherche (France)

11:40 RS-28

In silico identification of peptides with potential Fibroblast Growth Factor Receptor activating properties as a next generation of skin care ingredients.

Chiara Pallara – In Silico Discovery-Nostrum Biodiscovery (Spain)

Harnessing Epigenetics: from anti-aging to age reversal

14:00 Keynote Lecture

Harnessing Epigenetics: from anti-aging to age reversal

Dr. Nadine Pernodet – Senior Vice President Bioscience, Global R&D, The Estée Lauder Companies (USA)

A journey into the skin

15:05 RS-30

Development and Validation of a Post-Inflammatory Hyperpigmentation Model in Multiple Fitzpatrick Skin types and Multi-Ethnicities Using Three Different Induction Methods. **Mei Yu** –

The Estée Lauder Companies (USA)

15:25 RS-31

Differences in stratum corneum organization with detailed locations and age revealed by **artificial intelligence**-aided half-face mapping of cell-to-cell position and cell shape.

Hiroyuki Takada – Naris Cosmetics (Japan)

5:45 RS-32

Innervated, Vascularized and Pigmented Human Skin Equivalent as a new advanced in vitro 3D model for Skin Research and Active Ingredients Discovery.

Morgan Dos Santos – LabSkin Creations (France)

HALL#2

SESSION 1 - Rethinking beauty

Upgrading skin and hair analysis



11:00 RB-28

Skin dynamic firmness: a new evaluation method **using High Speed Cameras and kinematic analysis**.

Pedro Pinto – PhD Trials (Portugal)



11:20 RB-29

New Indicators of Skin Barrier Evaluation: Rapid in vivo measurement of skin barrier recovery using confocal Raman Spectroscopy.

Hyo Jin Lee – COSMAX (Republic of Korea)

11:40 RB-30

Force of curls & Force of knots: new methods for understanding product performance and hair breakage in Afro-textured hair.

Kwezikazi Molamodi – L'Oréal Research and Innovation (India)

SESSION 2 - Rethinking Nature.

Nature Compliance: Efficacy & Safety

14:45 RN-11

Fourier transform infrared spectroscopy: a valuable tool to characterize hair fiber structure and permeation.

Sabine Pain – BASF Beauty Care Solutions (France)

15:05 RN-12

Ultrasensitive impedance spectroscopy to replace the Draize eye test.

Georg Wiora – Courage+Khazaka electronic (Germany)

15:45 RN-14

Innovative in vitro 3D skin model for safety assessment: a case report for the skin sensitization.

Edith Filaire – Icare Group (France)