

15<sup>th</sup> International Conference

# Skin Ageing Challenges



**SkIn**  
CHALLENGES

November  
5-6, 2024

Malta

Agenda of  
**Skin Ageing & Challenges 2024**

November 5-6, 2024 – Corinthia Palace, Malta

Day 1 - November 5, 2024

8h00 – Materials Distribution

8h50 – Skin Ageing & Challenges 2024: Introduction



**Jean Krutmann**, President of Skin Ageing & Challenges 2024,  
Leibniz Research Institute for Environmental Medicine, Germany

**Session 1: Advances in Understanding Skin Ageing:  
Latest Discoveries and Mechanistic Explorations**



9h00 **Reversing Skin Aging: The Power of Senomorphics and Senolytics**  
*Karin Scharffetter-Kochanek, Universitätsklinikum Ulm, Germany*



9h30 **Substances Promising Active Skin Rejuvenation Effectively Support Fast Skin Wound Healing**  
*Andrey Koptjug, Mid Sweden University, Sweden*

10h00 **Short Oral Presentations**

**A Groundbreaking Intervention Effectively Reduces Senescence in Old Primary Cells by Targeting a New Hallmark of Ageing**

*Adam Clauss, SENISCA Ltd, United Kingdom*

**Selcopintide as a Novel Therapeutic Agent to Combat Oxidative Stress and Promote Skin Health**

*Yeoung-Hyun Park, Hyesensbio, South Korea*

**New Life for *Vitis vinifera* L. Leaves Extracts through Probiotic-Mediated Fermentation: Investigating their Antimicrobial Potential towards Methicillin-Resistant *Staphylococcus aureus***

*Marta Armari, Università del Piemonte Orientale, Italy*

## 10h30 – Coffee Break, Networking, & Poster Session



**11h15 The Epitranscriptome and snoRNAs in Cellular Senescence and Skin Aging**  
*Markus Schosserer, Medical University of Vienna, Austria*



**11h45 Iron Metabolism of the Skin: Recycling versus Release**  
*Leopold Eckhart, Medical University of Vienna, Austria*

### 12h15 Short Oral Presentations

**Mitochondria-Permeable Natural Antioxidants with Potent Iron Chelating Activity for Skin Photoprotection**

*Charareh Pourzand, University of Bath, United Kingdom*

**Induction of Ferroptosis in Normal Human Dermal Fibroblasts: Implications for Skin Disease Pathology and Molecular Mechanisms**

*Magdalena Węgrzyn, Silesian University of Technology, Poland*

## 12h35 – Lunch Break, Networking, & Poster Session



**14h00 Mitochondria: The Reversible Regulators of Aging Skin**  
*Keshav K Singh, University of Alabama at Birmingham, USA*



**14h30 Exploring Mitochondrial Dynamics and Transfer: Implications for Skin Aging and Novel Therapeutic Approaches**  
*Andrés Caicedo, Universidad San Francisco de Quito, Ecuador*



**15h00 Mitophagy and Extracellular Vesicles: Mechanisms of Mitochondrial Quality Control in Skin Aging**

*Ines Martic, Universität Innsbruck, Austria*

**15h30 Short Oral Presentations**

**Raman Fingerprints & Non-Invasive Methods to Evaluate Skin Aging**

*Markus Schosserer, Medical University of Vienna, Austria*

**Real-time QCM-D Monitoring of Enzymatic Degradation of Key Extracellular Matrix Proteins**

*Michal Szczepanczyk, Malmö University, Sweden*

**17h00 – Drinks, Coffee and Snacks: Getting Together Networking**

**End of Day 1**

**20h00 – Speakers' Dinner (for ticket holders only)**



**Session 2: Industrial and Academic Innovations: The Challenge of Translation**



**9h00 Olfactory Receptors: Outsider or Misunderstood Key Strategic Player?**  
*Marvin Edeas, Institut Cochin, INSERM U1016, Université de Paris, France*



**9h30 Olfactory Receptors, Skin and Keratinization: What do we Know?**  
*Shinobu Nakanishi, Shiseido Co., Japan*

**10h00 Short Oral Presentations**

**Mono-Glucosylation of Epigallocatechin Gallate Enhances Skin Penetration and Triggers Skin and Microbiota Whitening-Related Pathways**

*Moencopi Bernheim-Dennery, Givaudan Active Beauty, France*

**Going Beyond: Retinol-Like Efficacy of Sphingolipid Salicyloyl Phytosphingosine**

*Jeremie Nestor, Evonik Skin Institute, Spain*

**10h30 – Coffee Break, Networking, & Poster Session**



**11h15 Sex and Race Variations in Skin Structure and Barrier Function: Relationship to Ageing and Sensorial Perception**

*Reinhold Dauskardt, Stanford University, USA*



**11h45 Innovative Thermal Imaging Techniques for Detecting Aging Disorders: ThermaFace Method**

*Jing-Dong J. Han, Peking University, China*

**12h15 Discussion with speakers**

**12h30 – Lunch Break, Networking, & Poster Session**



**14h00 Development of Holistic Photographic Aging Biomarkers**  
*Anastasia Georgievskaya, CEO of Haut.AI, Estonia*



**14h30 Age, Frailty and Infection Risk Reservoirs: The Skin Microbiome of Older Adults**  
*Julia Oh, The Jackson Laboratory, USA*

**15h00 Short Oral Presentations**

**Indole-3-Acetic Acid: A Product of the Skin Microbiome, Improves Skin Barrier, Alleviates Inflammation and Endoplasmic Reticulum Stress**  
*Iлона Matějková, Contipro, Czech Republic*

**Regulation of Ferroptosis in Tumor and Normal Cells: Implications for Therapeutic Strategies in Melanoma Treatment**  
*Małgorzata Adamiec-Organisziok, Silesian University of Technology, Poland*

***Plantago lanceolata*-Derived Extracellular Vesicles: A Powerful Strategy for Skin Regeneration**  
*Annalisa Tito, Arterra Bioscience SpA*

**AA Promotes Youthful Skin through Collagen Network Reactivation**  
*Tanesha Naiken, LVMH Recherche - Givenchy Skin Care, France*

**Comparative Efficacy of Skincare Products and Laser Procedures for Rosacea and Hyperpigmentation using Advanced Imaging Techniques, Exploring Potential AI Use Case**  
*Sylwia Pawlaczyk, AV Laboratories, USA*

**Novel Application of a Modified Stem Cell Culture Medium Results in Improved Wound-Healing of Dermal Fibroblasts and Keratinocytes without Increasing Metabolism**  
*Kristopher Hite, Virginia Tech, USA*

**Keratin-Acetate Dressing Accelerates Wound Healing in Diabetic Rats and Stimulates M2 Macrophages Polarization**  
*Łukasz Mazurek, Medical University of Warsaw, Poland*

**16h10 – Awards & Concluding Remarks**

**16h30 – Drinks, Coffee and Snacks: Getting Together Networking**

**End of Skin Ageing & Challenges 2024**