

17TH INTERNATIONAL CONGRESS

THEME 2026:
SKIN LONGEVITY

Skin Challenges 2026

RESTORING BIOLOGICAL DIALOGUE
FOR HEALTHIER SKIN

AGENDA →



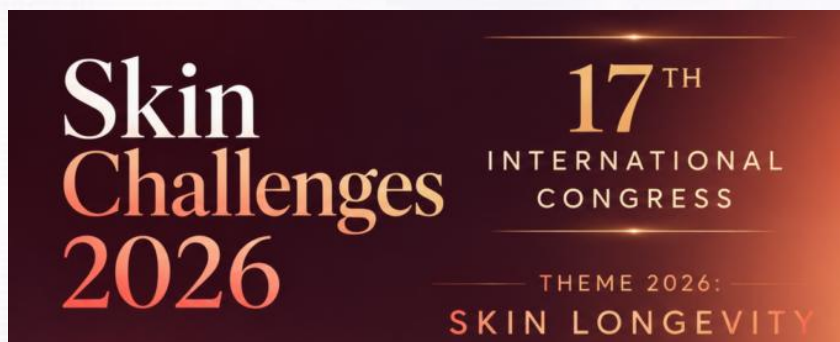
MÁLAGA,
SPAIN



OCTOBER
28-29, 2026



Skín
CHALLENGES



Welcome to Skin Ageing & Challenges 2026

We are pleased to welcome you to Skin Ageing & Challenges 2026, taking place on October 28–29 in Málaga, under this year's theme: Skin Longevity. Skin ageing research is entering a new phase. The field is moving beyond the description of visible ageing toward a deeper understanding of the biological mechanisms that determine skin resilience, decline and regenerative capacity.

This year, the scientific program has been built around a simple progression:

Why does skin age?

How do mitochondria, cells, microorganisms and the skin ecosystem communicate during ageing?

How can we measure biological skin age?

Can we modify ageing and demonstrate true rejuvenation?

Day One will focus on the mechanisms driving skin ageing, from the exposome and cellular senescence to immunity, mitochondria, pigmentation and the microbiome.

Day Two will examine how biological skin ageing can be measured through epigenetics, molecular signatures and emerging sensing technologies, before moving toward regenerative strategies, bioactive signals, artificial intelligence and clinical translation.

Importantly, Skin Ageing & Challenges also aims to create a space where academic science, industry and clinical practice can confront their perspectives.

The meeting will therefore conclude with a dedicated session addressing a central question for the future of the field:

What evidence do we need before we can claim "Skin Longevity"?

Our objective is not only to present new findings, but also to help define the scientific standards, technologies and collaborations that will shape the next generation of skin longevity research.

We look forward to welcoming you to Málaga.

On behalf of the Scientific Board

Skin Ageing & Challenges

Marvin Edeas

Université de Paris Cité, France

Jean Krutmann

Leibniz Research Institute for Environmental Medicine, Germany

Welcome to Málaga

Skin
CHALLENGES

Day One – October 28, 2026

UNDERSTANDING SKIN AGEING

8h30 Welcome & Badge Distribution



9h00 **Vision & Strategy for Skin Longevity**
Marvin Edeas, Université de Paris, France

Session 1 – Why Does Skin Age?



9h20 **The Future of Skin Longevity: From Exposome Science to Precision Prevention**
Jean Krutmann, Leibniz Research Institute for Environmental Medicine, Germany



10h00 **Can Senolytics Rejuvenate Ageing Skin? From Cellular Senescence to Improved Tissue Repair**
Daniel S. Roh, Boston University Chobanian & Avedisian School of Medicine, USA

10h30 Coffee Break, Networking and Poster Sessions



11h15 **When Repair Becomes Ageing: Cellular Senescence, Wound Healing and Skin Longevity**
Mikolaj Ogrodnik, Ludwig Boltzmann Institute for Traumatology, Austria



11h45 **When Immunity Ages the Skin: IgG, Inflammaging and the Loss of Dermal Homeostasis**
Haruki Horiguchi, Kumamoto University, Japan

12h15 **Urolithin A Enhances Mitophagy and Mitochondrial Health for Skin Longevity: Evidence from 2D/3D Models and Clinical Trials**
Julie Faïty, Amazentis SA (Timeline), Switzerland

12h25 – 12h40 **Discussion: From Cellular Senescence to Inflammaging: What Can We Really Target?**

12h40 Lunch Break, Networking, Group Photo

Session 2 – Mitochondria, Pigmentation & Microbiome



14h00 **Mitochondria–Melanosome Communication: A New Mechanism Regulating Skin Pigmentation**
Shigeru Yanagi, Gakushuin University, Japan



14h30 **Skin Microbiome Ecology: From Cohort Profiling to Mechanistic Insight**
Jingjing Xia, IUF – Leibniz Research Institute for Environmental Medicine, Germany



15h00 **Understanding Skin Aging from an Ecosystem Perspective: Biological Dialogue between the Host Environment and Microorganisms**
Shigefumi Okamoto, University of Osaka Graduate School of Medicine, Japan

15h30 – 15h40 **Discussion: Is Ageing Skin a Failure of Cellular and Ecosystem Communication?**

15h40 Coffee Break, Networking and Poster Sessions

16h30 – 18h00 **9 Short Oral Presentations - 10 minutes each (7 min + 3 min Q&A)**

Apple-Derived Vesicles and Skin Cell Communication: Potential and Perspectives for Skin Longevity
Lili Baraton Sintès, Symrise, France

Isatis tinctoria Extract, Enriched in Sinapic Acid, as a Novel Active to Counteract Neuro-Cutaneous Decline for Skin Neuro-Longevity
Maria-Letizia Campanari, Næmos, France

Day Two – October 29, 2026

MEASURING & MODIFYING SKIN AGEING

8h30 Welcome & Badge Distribution

Session 3 – Measuring Biological Skin Age

Molecular Signatures, Epigenetics & Continuous Sensing



9h00 **Next-Generation Skin-Interfaced Sensors: From Skin Gases to Continuous Biological Monitoring**
John A. Rogers, Northwestern University, USA



9h30 **The Skin Volatolome: Can Volatile Signatures Become Non-Invasive Biomarkers of Skin Ageing?**
Aoife Morrin, Dublin City University, Ireland



10h00 **TapeLift: Non-Invasive Epigenetic Profiling for Skin Ageing and Cancer Risk**
Manuel Rodríguez-Paredes, German Cancer Research Center, Germany

10h30 Coffee Break, Networking and Poster Sessions

11h15 **Real-Time Tracking of Skin Aging Using a Time-Resolved Model and Aging-Associated MicroRNA Sensors**
Nicolas Bechetoille, Gattefossé, France

11h25 **Beyond Skin Age: Can Functional Capacity Complement Biomarkers of Skin Longevity?**
Sigrid Hennicke-von Voigt, NeuroSkin by CUhealthy, Germany

11h35 **Ultra-Weak Photon Emission Reveals Senescence-Associated Oxidative Dysregulation Across Human Skin Cell Types**
Judith Elkaim, LVMH Recherche, France

11h45 **3 Short Oral Presentations - 10 minutes each (7 min + 3 min Q&A)**

12h15 **Discussion: What Should a True Biomarker of Skin Longevity Measure?**

12h30 Lunch Break, Networking

Session 4 – Can We Modify Skin Ageing?

Regeneration, Rejuvenation Evidence & Bioactive Strategies



13h30 **Restoring Regenerative Capacity in Aged Skin: From Cellular Signals to Cell-Free Therapies**
Hugo Agostinho Machado Fernandes, Universidade de Coimbra, Portugal



14h00 **Can We Really Reverse Skin Ageing? Measuring Biological Age Before and After Rejuvenation**
Angel Menendez Vazquez, Mitra Bio, United Kingdom

14h30 **Potential Therapeutic Synergy Between Cetoleic Acid and Omega-3 Fatty Acids in Modulation of Psoriasis**
Tone-Kari Østbye, Nofima AS, Norway

14h40 **5 Short Oral Presentations - 10 minutes each (7 min + 3 min Q&A)**

15h30 Coffee Break, Networking and Poster Sessions

16h00 **Novel Physics-Guided AI for Cosmetic Peptide Design**
Sanja Glisic, e-BioSkin, Serbia

16h15 **Vine Resveratrol Promotes Skin Longevity Through Multiple Aging Pathways**
Arthur Chervet, Laboratoires Caudalie, France

Session 5 – From Skin Longevity Science to Practice

Academia, Industry & Clinical Reality



16h25 **What Really Works in Skin Longevity? Evidence Behind Topical and Systemic Interventions**
Andrea Heinz, University of Copenhagen, Denmark



16h55 **Skin Longevity in Practice: The Clinician Between Science, Industry and Patients**
Leah Wei, Private Practice in Longevity, Preventive and Aesthetic Medicine, Australia

17h25 – 18h10 **Final Scientific Discussion: What Evidence Do We Need Before We Can Claim “Skin Longevity”?**
Academic × Industry × Clinical perspectives

18h10 – 18h20 **Awards & Closing Remarks**



Awards: Grand Skin Longevity Innovation Prize

Selected finalists will have the opportunity to present their innovation before an international audience of researchers, clinicians, investors, industry leaders, and innovation experts during Skin Ageing & Challenges 2026 in Málaga, Spain.



Submit your innovation & Abstracts