17th | INTERNATIONAL CONGRESS

Skin Challenges 2026

SKIN LONGEVITY

RESTORING BIOLOGICAL DIALOGUE
FOR HEALTHIER SKIN

AGENDA

MÁLAGA, SPAIN
OCTOBER 28–29, 2026

Skin CHALLENGES



Welcome to Skin Ageing & Challenges Annual Meeting 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.

Welcome to Málaga

Jean Krutmann
Leibniz Research Institute for Environmental Medicine, Germany

Marvin Edeas
Université de Paris, France

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?

Chairs: Marvin Edeas, Mikołaj Ogrodnik



9h30 **When Repair Becomes Ageing: Cellular Senescence, Wound Healing and Skin Longevity**
Mikołaj Ogrodnik*, Ludwig Boltzmann Institute for Traumatology, Austria*



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



11h05 **Can We Restore the Regenerative Capacity of Ageing Skin?**
Elena Enzo*, University of Modena and Reggio Emilia, Italy*



11h35 **The Future of Skin Longevity: From Exposome Science to Precision Prevention**
Jean Krutmann, *Leibniz Research Institute for Environmental Medicine, Germany*



12h05 **When Immunity Ages the Skin: IgG, Inflammaging and the Loss of Dermal Homeostasis**
Haruki Horiguchi*, Kumamoto University, Japan*

12h35 **Urolithin A Enhances Mitophagy and Mitochondrial Health for Skin Longevity: Evidence from 2D/3D Models and Clinical Trials**
Julie Faitg*, Amazentis SA (Timeline), Switzerland*

12h45 Lunch Break, Networking, Group Photo

Session 2 – Mitochondria, Pigmentation & Microbiome

Chairs: Shigefumi Okamoto, Aoife Morrin



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 Coffee Break, Networking and Poster Sessions

16h15 **Apple-Derived Vesicles and Skin Cell Communication: Potential and Perspectives for Skin Longevity**
Lili Baraton Sintès, *Symrise, France*

16h30 **Targeting Mitochondrial Renewal via Enhanced CoQ10 Delivery to Promote Skin Longevity**
Claudia Calderón, *Evonik Skin Institute, Spain*

16h40 ***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*

16h50 **Targeting Age-Associated Loss of Dermal Matrix Homeostasis: A Triple-Active Combination Approach to Support Skin Regenerative Capacity and Longevity**
Victoria Dauphant, *Proya Europe Innovation Center, France*

17h00 **End of Day 1**

20h00 **Speakers' Dinner - Reserved for invited speakers & ticket holders only**

Day Two – October 29, 2026

Measuring & Modifying Skin Ageing

8h30 Welcome & Badge Distribution

Session 3 – Measuring Biological Skin Age

Chairs: Jingjing Xia, Manuel Rodríguez-Paredes



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



9h30 **Skin Volatile Profiles as Potential Non-Invasive Biomarkers of Skin Health**
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 **Decoding Skin Aging in Japanese and French Cohorts: From GWAS to Biological Pathways**
Daniela Colucci, *Chanel PB, IRD, France*

11h55 **Vine Resveratrol Promotes Skin Longevity Through Multiple Aging Pathways**
Arthur Chervet, *Laboratoires Caudalie, France*

12h05 **Encapsulated Quercetin Enhances Oxidative Stress Resilience in Hair Dermal-Papilla Cells and C. elegans: Relevance for Aging**
Chaimae El Ammari, *UCAM Universidad Católica San Antonio de Murcia, Spain*

12h15 Lunch Break, Networking

Session 4 – Can We Modify Skin Ageing?

Chairs: Hugo Agostinho Machado Fernandes, Angel Menendez Vazquez



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



14h00 **Making Skin Ageing Measurable: Epigenetic Age Prediction from Non-Invasive Sampling**
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 **Topical Recombinant FGF1 Formulations: Effects on Dermal Matrix Markers and Skin Protection**
Wiktoria Piskorz, *Dr Irena Eris S.A., Poland*

14h50 **Novel Physics-Guided AI for Cosmetic Peptide Design**
Sanja Glisic, *e-BioSkin, Serbia*

Session 5 – From Skin Longevity Science to Practice

Chairs: Elena Enzo, Marvin Edeas



15h00 **What Really Works in Skin Longevity? Evidence Behind Topical and Systemic Interventions**
Andrea Heinz, *University of Copenhagen, Denmark*



15h30 **Skin Longevity in Practice: The Clinician Between Science, Industry and Patients**
Leah Wei, *Private Practice in Longevity, Preventive and Aesthetic Medicine, Australia*

16h00 **Closing Remarks & Awards: Skin Ageing & Challenges 2026 Scientific & Nominated Innovation**

16h15 **Networking, Drinks and Appetizers**

SKIN LONGEVITY
INNOVATION AWARD 2026
Recognizing innovations shaping the future of skin health and longevity.

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.

Skin CHALLENGES

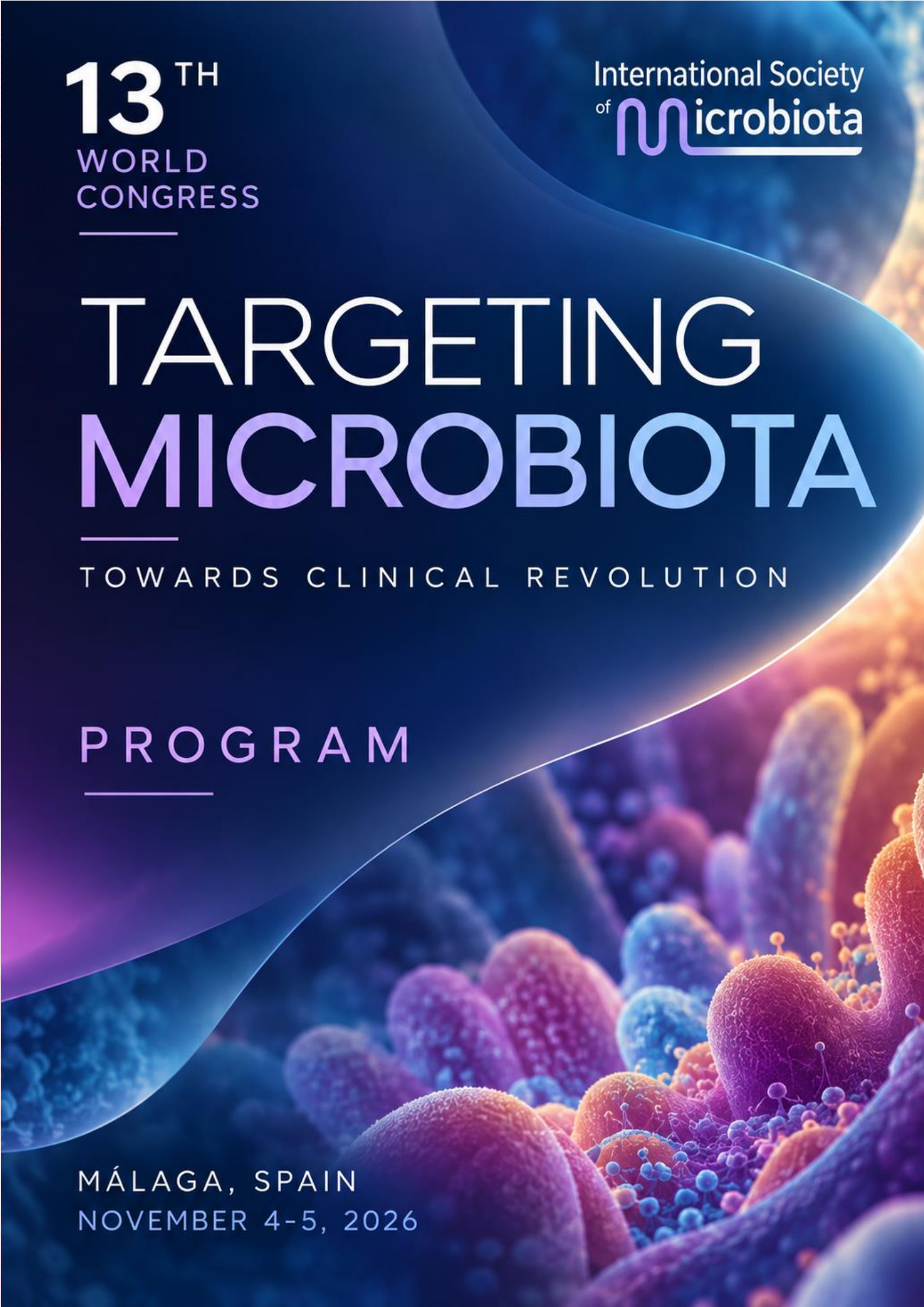
13TH WORLD CONGRESS

International Society of Microbiota

TARGETING MICROBIOTA

TOWARDS CLINICAL REVOLUTION

PROGRAM

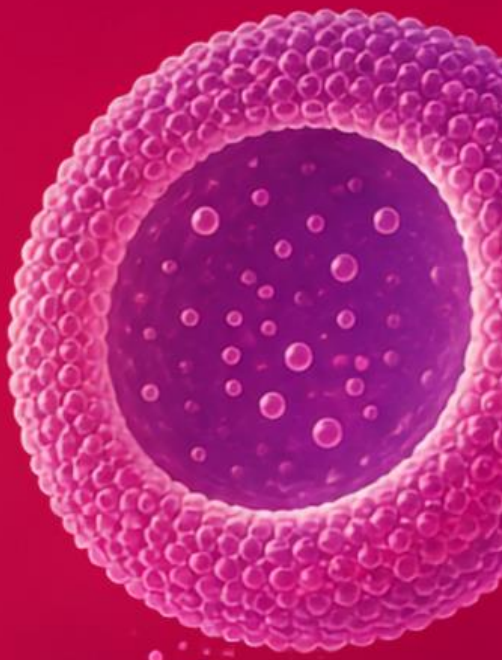


MÁLAGA, SPAIN
NOVEMBER 4-5, 2026

AGENDA

3rd World Congress

TARGETING EXTRACELLULAR VESICLES





MITOCHONDRIA

EXTRACELLULAR VESICLES:

Bridging Mitochondria, Microbiota and Precision Medicine



MICROBIOTA

NOVEMBER 12-13, 2026

PORTO, PORTUGAL

International Society of Microbiota

World Mitochondria Society