

12th

WORLD CONGRESS

Targeting Microbiota

Towards Clinical Revolution

November 5-6, 2025
Valencia, Spain

Agenda

International Society
of icrobiota

Day 1 – Wednesday, November 5, 2025

8h00 **Materials Distribution & Welcome Coffee**

8h50 **Introductory Remarks of Targeting Microbiota 2025**

Maria Cecilia Giron, University of Padova, Italy

Marvin Edeas, Institut Cochin, INSERM U1016, Université de Paris, France

Keynote Speech



9h00 **Gut Microbiota, Health, and Diet: Going towards Causality and Mechanistic Understanding**

Erwin Zoetendal, Wageningen University, The Netherlands

Session 1: Microbiota Modulation: Mechanisms and Advances



9h30 **Modulating the Gut Microbiome with Foods**

Pilar Francino, FISABIO, Spain



10h00 **Can We Modulate Gut Microbiota Dysbiosis by Dietary Powder from Fruit Waste as Novel Prebiotics**

Maria José Gosalbes, FISABIO, Spain

10h30 – 11h15 Coffee Break, Networking, & Poster Session



11h15 **Exploring Arginine and Gut Microbiota Modulation: Clinical Application**

Jochen Mattner, University of Erlangen-Nuremberg, Germany



11h45 **Bacteriophages & Food Addiction Modulation: Role of Tryptophane & Tyrosine Pathways**

Vicente Pérez-Brocal, FISABIO, Spain

12h15 – 14h00 Lunch Break, Networking, & Poster Session

Session 2: Microbiota in Aging, Cognitive Health & Systemic Effects



14h00 **Gut Microbiota and Cardiovascular Aging: Mechanisms and Strategy**

Soheil Saeedi, University of Zurich, Switzerland



14h30 **Aging & Microbiota: Modulation by FMT for Healthy Aging of the Eye and Brain**

Aimee Parker, Quadram Institute, United Kingdom



15h00 **Gut Microbiome and Cognitive Impairment in Ageing and Lessons from Systemic Inflammatory Diseases**

Gaspar Perez Martinez, IATA-CSIC, Spain



15h30 **Can Salivary and Skin Microbiome Become a Biodetector for Aging-Associated Diseases? Current Insights and Future Perspectives**

Rony Abdi Syahputra, Universitas Sumatera Utara, Indonesia

16h00 – 16h45 Coffee Break, Networking, & Poster Session

16h45 **Short Oral Presentations (8 slots)**

Uterine-Vaginal Microbiome Commonalities in a Cohort of Healthy Women

Katarzyna Morańska, Adam Mickiewicz University Poznan, Poland

Parasite-Mediated Alteration of Behaviour and Biomolecular Dynamics in a Mouse Model

Kevin Tan, National University of Singapore

Aging Together: the Role of Gut Microbiota and its Influence on Aging Biology

Maria Pilar Blasco Conesa, University of Texas, United States of America

Akkermansia Muciniphila Mediates Antibiotic-Induced Impairment of Female Preference in Mice

Elena Kozhevnikova, Institute of Molecular and Cellular Biology SB RAS, Russia

Gut Microbiomic Analysis of Patients with Primary Osteoarthritis

Guangju Zhai, Memorial University of Newfoundland, Canada

In Vitro Evaluation of Am3 Complex on Simulated Colonic Microbiota from Pediatric and Adult Fecal Donors

Ana López Sánchez, Cantabria Labs, Spain

Gastric Microbiome Signatures as Predictive Markers of Gastritis to Cancer Progression

Yoagnliang Zhang, National University of Singapore

18h00 **End of Day 1**

20h00 Join us for an exclusive Dinner with the Speakers, a unique opportunity to connect personally with the brilliant minds behind the event (for tickets holders only)

Day 2 – Thursday, November 6, 2025

8h50 **Opening of Day 2**

Session 3: Microbiota in Clinical Medicine: Strategies & Emerging Therapies



9h00 **Butyrate in Human Health: Advancing Towards Clinical Applications for Gastrointestinal Diseases**
Alain Stintzi, University of Ottawa, Canada



9h30 **Exploring Butyrate: A Novel Approach to Liver Steatosis and Metabolic Syndrome Management**
Federica Fogacci, University of Bologna, Italy



10h00 **Anti-Obesity Effects of Probiotics: Efficacy, Mechanisms, and Challenges in Implementation**
Fermín Milagro, Universidad de Navarra, Spain



10h30 **Intravaginal Inoculation of Probiotics: Innovative Approach and Perspectives in Humans**
Marion Toquet, Universidad CEU Cardenal Herrera, Spain

11h00 – 11h45 Coffee Break, Networking, & Poster Session



11h45 **Oral Microbiota Modulation: Therapeutic Strategies**
Alex Mira, FISABIO, Spain

12h15 **Short Oral Presentations (3 slots)**

Beyond the Tumor: The Hidden Role of Microbiota in Gastric Cancer Therapy and Outcomes
Carmina Mariana Stroia, University of Oradea, Romania

Gut Microbiome Modulation by Short-Term Polyherbal Formulation Add-On to Metformin Therapy in Type 2 Diabetes Patients
Monta Briviba, Latvian Biomedical Research and Study Centre, Latvia

The Impact of Microbiome Products on Neonatal Health Outcome: A Systematic Review and Meta-Analysis of Recent Studies
Ibrahim Alfhazi, Saudi German Hospital-Aseer, Saudi Arabia

12h45 – 14h30 Lunch Break, Networking, & Poster Session

Session 4: Drug-Microbiota Interactions & Systemic Implications



14h30 **The Influence of Oral and Gut Microbiome on Clinical Outcomes in Allogeneic Hematopoietic Stem Cell Transplantation**

Gislane Lelis Vilela de Oliveira, Sao Paulo State University, Brazil



15h00 **Drug Effects of Gut Microbiota in Humans: Clinical Consequences**

Carmelo Scarpignato, United Campus of Malta & CUHK, China



15h30 **Impact of Mental Health Medications on Gut Microbiota: Insights from Elderly Population**

Susana Ruiz-Ruiz, FISABIO, Spain

16h00 – 16h30 Coffee Break, Networking, & Poster Session

16h30 **Call For Innovation**

10 Minutes-Pitch: Dedicated to Start-ups, Academics, Industries & Investors 4 slots

Targeted Antimicrobial Therapy to Restore Skin Microbiota in Atopic Dermatitis

Elżbieta Jagielska, Mossakowski Medical Research Institute, Poland

Identification of Urinary Bacterial Genes as Biomarkers for Non-Invasive Diagnosis of Renal Lupus

Virginia Pérez-Carrasco, Instituto de Investigación Biosanitaria, Granada, Spain



17h20 **Targeting Microbiota 2025 Concluding Remarks**

Pilar Francino, FISABIO, Spain

17h30 **Targeting Microbiota 2025 Awards**

17h45 **End of Targeting Microbiota 2025**

For more Information, registration and abstract submission,

Please visit: www.microbiota-site.com