

First Conjoint Meeting RIKEN-ISM

Pioneering Microbiota Medicine

Japan's Avant-Garde Role

A Global Summit on Personalized Nutrition,
Gut Ecosystems, and Fermented Therapeutics

Agenda

October 8-9, 2025 - Tokyo, Japan

International Society
of icrobiota

 RIKEN

First Conjoint Meeting ISM and RIKEN Targeting Microbiota

October 8 - 9, 2025 – Tokyo, Japan

Agenda

Day 1 - October 8, 2025

8h00 Materials Distribution



8h50 Welcome Note of RIKEN-ISM Targeting Microbiota

Hiroshi Ohno, RIKEN Center for Integrative Medical Sciences, Japan

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



Opening Keynote



9h00 **The Evolution of Microbiota Research: Past, Present & Future**

Hiroshi Ohno, RIKEN Center for Integrative Medical Sciences, Japan

Session 1: Microbiota Advances in Health & Disease



9h30 **Development of Microbiome Medicine and Precision Nutrition Based on Japanese Gut Microbiota Research**

Jun Kunisawa, National Institutes of Biomedical Innovation, Japan



10h00 **Deciphering the Interactions Between Gut Microbiota and Male Fertility**

Cristian O'Flaherty, McGill University, Canada

10h30 – 11h00 Coffee Break, Networking, & Poster Session



11h00 **Maintaining Gut Symbiosis: The Crucial Role of the Mucosal Barrier in Preventing Intestinal Inflammation**

Kiyoshi Takeda, Osaka University, Japan



11h30 **Innate Lymphoid Cells and Microbiota: Cross-Talking for Maintaining Mucosal Homeostasis**

Naoko Satoh-Takayama, RIKEN Early Career Leaders, Japan

12h00 Short Oral Presentations & Innovations (2 slots)

Topical Application of a Microbial Co-Culture Metabolite Extract Promotes Skin Soothing via immune modulation:
Clinical Evidence (TBC)

Mechanic Analysis of Long-Term Maintenance of Antiviral Immunity by mRNA Vaccination by Curcumin Administration

Takuma Hayashi, National Hospital Organization Kyoto Medical Center, Japan



- 13h40 **Exploring the Gut Microbiota's Role in Liver Cancer Development and Progression**
Naoko Ohtani, Osaka Metropolitan University, Japan



- 14h10 **A Microbiota-Derived Bile Acid Reprograms Alveolar Macrophages to Control Lung Inflammation**
Tomasz Wypych, Nencki Institute of Experimental Biology, Poland

Session 2: Microbiota & Aging: From Senescence to Longevity



- 14h30 **Understanding the Microbiota of Centenarians for Healthy Aging**
Koji Atarashi, Kyushu University, Japan



- 15h00 **Microbial Metabolites and Their Role in Cellular Senescence**
Chao Zhao, Fudan University, China

15h30 – 16h15 Coffee Break, Networking, & Poster Session



- 16h15 **Insights into the Microbiota-Gut-Brain Axis from Longevity Research : Kyotango Case**
Yuji Naito, Kyoto Prefectural University of Medicine, Japan



- 16h45 **Autoimmune Diseases & Microbiome: Preventive and Therapeutic Approach**
Eiji Miyauchi, Gunma University, Japan

17h15 Short Oral Presentations & Innovations (8 slots)

Faecal Microbiota Transplantation as a Method of Treatment of Different Etiologies of Intestinal Syndrome in Children

Julia Bespyatykh, Lopukhin Federal Research and Clinical Center of Physical-Chemical Medicine, Russia

Frozen Embryo Transfer Outcomes are More Closely Associated with Gut than Oral or Vaginal Microbiota: A Pilot Study

Zhe Li, The Third Affiliated Hospital, Sun Yat-Sen University, China

Metabolic Profiling and Mining of Microbiota by Raman Flow Cytometry and Single-cell RACS-seq/culture

Jian Xu, Chinese Academy of Sciences, Qingdao Institute of BioEnergy and Bioprocess Technology, China

18h30 End of Day One

19h30 Meet the Speakers Dinner (*Reserved for ticket holders only*)



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Day 2 - October 9, 2025

Opening Keynote



9h00 **Microbiota Medicine: Shaping the Future of Health**
Marvin Edeas, Institut Cochin, INSERM U1016, Université de Paris, France

Session 3: Translational Microbiota: From Innovation to Clinical Practice



9h30 **Gut Microbiome and Cognitive Domains: Therapeutic Insights from the Microbiota-Gut-Brain Axis**
José Manuel Fernández-Real, Hospital Trueta de Girona & University of Girona, Spain



10h00 **Microbiota and Gastroenterology: Point of view and perspectives**
Takanori Kanai, Keio University, Japan

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



11h15 **The Next Chapter in Gut Medicine: Butyrate as a Precision Modulator**
Alain Stintzi, University of Ottawa, Canada



11h45 **Butyrate & Gut Microbiota Modifications: Impact on Alzheimer's Disease and Mild Cognitive Impairment**
Kazuo Yamashiro, Juntendo University School of Medicine, Japan

12h15 – 13h30 Lunch Break, Networking, & Poster Session



13h30 **Gut Microbiota and Inflammatory Bowel Disease**
Nobuhiko Kamada, University of Michigan, USA & Osaka University, Japan



14h00 **From Tradition to Innovation: Postbiotic Metabolites of Herbal Medicines as Novel Drug Leads**
Jakub Piwowarski, Medical University of Warsaw, Poland



14h30 **Decoding the Skin's Hidden Ecosystem: Microbiome and pH Gradients as Therapeutic Frontiers**
Masayuki Amagai, RIKEN & Keio University School of Medicine, Japan

15h00 **Short Oral Presentations & Innovations (4 slots)**

World's First Clinical Evidence for Vaginal-Oral Axis: Results from an Exploratory Clinical Trial

Albert Dashi, *Sequential, Singapore*

Gut Microbiome Restoration Through Phytocompounds: a Novel Approach to Treat Inflammatory Bowel Disease

Md Mizanur Rahaman, *James Cook University, Australia*

Unraveling Microbiome–Metabolome Networks: Integrated Biomarker Discovery for Health and Disease Across the Lifespan in Korean Populations

Mee-Hyun Lee, *College of Korean Medicine, Dongshin University, Republic of South Korea*

15h40 – 16h10 – *Coffee Break, Networking, & Poster Session*

16h10 **Round Table Discussion with the Speakers:** Microbiota Medicine 2030: Defining, Restoring, and Personalizing Health

16h40 **Concluding Remarks**



Tokyo Microbiota 2025

Masayuki Amagai, *RIKEN & Keio University School of Medicine, Japan*

16h45 Tokyo Microbiota 2025 Awards

17h00 End of Tokyo Microbiota 2025

Deadline for Short Oral Presentation Abstract Submission: **September 16, 2025**

Deadline for Poster Presentation Abstract Submission: **September 24, 2025**

[Submit your abstract](#)

