



Final
Conference

Human Microbiome Action Summit

Navigating Policies,
Safeguarding Public
Health, and Charting
Future Frontiers

29.02.2024

Brussels and online



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Agenda

8:30 **Registration, Welcome Coffee and Networking**

Session 1

Cultivating Change: The Role for Human Microbiomes Towards Robust Policies and Responsible Practices in Public Health

Moderator: Joël Doré (INRAE)

9:00 **Welcome and Opening**
Joël Doré (INRAE)

9:10 **Keynote Speech - Cultivating Public Health: The Unseen Influence of Microbiome Research in Shaping Robust Policies**
Dirk Hadrich (EU Commission – DG Research and Innovation)

9:35 **Keynote Speech - Preserving the Microbiome for Future Generations – The Microbiota Vault**
Pascale Vonaesch (Microbiota Vault; University of Lausanne)

Coffee break at 10:00

Session 2

Guardians of the Gut: Strategies for Safeguarding Human Microbiomes and Enhancing Healthcare Systems

Moderator: Emmanuelle Maguin (INRAE)

10:30 **Charting the Course: Unveiling the Path to a Healthy Functional Core in the Human Microbiome**
Paul Ross (UCC/APC Microbiome Ireland)

10:50 **Assessing Microbiome Changes and Disease Links: A Comprehensive Analysis in Human Models**
Dirk Haller (Technical University of Munich)

11:10 **Precision in Translation: Formulating Principles for Accelerating Microbiome Biomarker to Clinical Practice**
Céline Druart (Pharmabiotic Research Institute)

11:30 **Panel Discussion – What are the Bottlenecks in Translating Microbiome Discoveries into Clinical Practice**
Panelists: Dirk Haller (Technical University of Munich), Philippe Marteau (Sorbonne Université Assistance Publique des Hôpitaux de Paris), Minneke Coenraad (MICROB-PREDICT; Leiden University Medical Center) + open chair
Moderator: Emmanuelle Maguin (INRAE)

Lunch break at 12:10

Session 3

Trillions of Cells, Trillions of Voices -
A Need for Common Grounds
Moderator: Mani Arumugam (University of Copenhagen)

13:40 **Harvesting Expert Insights: Unveiling the Delphi Survey Technique as a Powerful Instrument for Structured Opinion Extraction in Diverse Domains**
Kevin Legent (KPL)

14:00 **Advancing Microbiome Research: Establishing Foundations, Standards, and Protocols for Clinical Applications and Global Interoperability**

- **Standardising Clinical Metadata**
Jonel Trebicka (EF-CLIF / University of Münster)
- **Standardising Human Microbiome Data**
Anandhi Iyappan (EMBL)
- **Standardising Microbiome Analysis Methods**
Francesco Asnicar (University of Trento)

15:00 **Navigating the Microbial Landscape: Integrating Self-Assessment Tools and Delphi Insights in Microbiome Testing**
Céline Druart (Pharmabiotic Research Institute)

15:20 **Presentation - The Human Being as a Consortium: Implications of Microbiome Research for How we Think About Life, Health, Symbiosis, and Stewardship**
Hub Zwart (Erasmus University Rotterdam)

15:40 **Panel Discussion - Resolving Dissonance in Microbiome Research & Policies: Striving for a Harmonious Global Voice**
Panelists: Hub Zwart (Erasmus University Rotterdam), Stefaan Van der Spiegel (European Commission; Head of Sector, Substances of Human Origin), Marcus Claesson (APC Microbiome Ireland), William Fusco (Policlinico Universitario Gemelli - Rome) + open chair
Moderator: Mani Arumugam (University of Copenhagen)

Coffee break at 16:20

Session 4

Building Bridges for the Future of Microbiome Research - The European Microbiome Centres Consortium
Moderator: Joël Doré (INRAE)

16:50 **Launch of the European Microbiome Centres Consortium (EMCC) to Support the Future of Microbiome Research**
Joël Doré (INRAE), Céline Druart (Pharmabiotic Research Institute)

Session 5

Exploring Future Frontiers in Microbiome Research - From Identifying Critical Research Questions to Crafting a Visionary Roadmap for Translational Success
Moderators: Stephan Kampshoff & Debora Serra (EUFIC)

17:10 **Identifying the Most Pressing Research Questions for Future Studies**
Emmanuelle Maguin (INRAE)

17:30 **Panel discussion - Where Will Microbiome Research Lead us? Vision and Roadmap for Future Endeavors. Overcoming Challenges in Translating Research Findings**
Panelists: Stéphan Chaillou (DOMINO; INRAE), Tanja Kostic (MicrobiomeSupport Association; Austrian Institute of Technology), Carolina Alves Costa Silva (ONCOBIOME; Gustave Roussy), Federica Carraturo (GEMMA; University of Naples)
Moderators: Stephan Kampshoff & Debora Serra (EUFIC)

Closure of the conference and networking at 18:15