



“Paving the Microbiome Way for Improved Food Systems”

MicrobiomeSupport Stakeholder Conference

27 – 29 June 2022

Atelier des Tanneurs, Rue des Tanneurs 60A, 1000 Brussels

27 June 2022

Arrival

15:00 **Registration**

Microbiomes: The big picture

Moderator: Angela Sessitsch, AIT Austrian Institute of Technology, Austria

16:00 **Welcome and Opening**
Angela Sessitsch, MicrobiomeSupport coordinator, AIT Austrian Institute of Technology, Austria

16:15 **Plenary lecture: Microbiomes from an economic perspective**
Justus Wesseler, Wageningen University and Research, The Netherlands

16:45 **Plenary lecture: Food systems microbiomes and technologies for the Circular Biobased Industry**
Lene Lange, LLa-Bioeconomy, Denmark

17:15 **Plenary lecture**

17:45 **Networking reception**

[Microbiomesupport.eu](https://microbiomesupport.eu) – #MicrobiomeSupportEU



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28 June 2022

Moderator: Michael Schloter, Helmholtz Center Munich, Germany

09:00 **Plenary lecture: Emerging Frontiers and Computational Challenges of Microbiome Research**
Gail Rosen, Drexel University, USA

Microbiomes for the primary production and environmental health

Moderator: Michael Schloter, Helmholtz Center Munich, Germany

09:30 **Research & innovation to tap into the potential of microbiomes in primary production**
Gisela Quaglia, DG for Agriculture and Rural Development

09:50 **Assessing soil microbial distribution for guiding soil life conservation**
Alberto Orgiazzi, European Commission's Joint Research Centre

10:10 **Plant microbiomes in primary production and environmental health: challenges and opportunities**
Angela Sessitsch, AIT Austrian Institute of Technology, Austria

10:30 **Animal microbiomes in primary production and environmental health: challenges and opportunities**
Antton Alberdi, University of Copenhagen, Denmark

10:50 – 11:15 Coffee break

Microbiomes for food security, safety and implications on human health

Moderator: Yolanda Sanz, Spanish National Research Council (CSIC), Spain

11:15 **Development of microbiome health research funding from the EU political perspective**

11:35 **FAO's perspective on the microbiomes for food security and nutrition**
Karel Callens, Food and Agriculture Organization

11:55 **Microbiomes and food security**
Linda Kinkel, University of Minnesota, USA

12:05 **Microbiomes and food safety**
Martin Wagner, FFoQSI, Austria

12:25 **Microbiomes and human health**
Emmanuelle Maguin, National Research Institute for Agriculture, Food and the Environment (INRAE), France

12:45 – 14:00 Lunch break

MicrobiomeSupport & the innovation projects putting research into practice

14:00 **MicrobiomeSupport highlights**
Angela Sessitsch, AIT Austrian Institute of Technology, Austria

14:20 **MicrobiomeSupport's recommendations for more impactful funding**
Emmanuelle Maguin, INRAE, France

14:30 **From research to products: Microbiome innovation partnerships to solve major societal challenges**
Magdalena Gajdzinska, European Commission, DG RTD

14:40 **Upcoming microbiome applications for better food systems**
Marco Candela, University of Bologna, Italy
Antton Alberdi, University of Copenhagen, Denmark
Tanja Kostic, AIT, Austria
Anne Pihlanto, LUKE, Finland

15:20 **Microbiome research stepping up for better public health**
Joel Doré, INRAE, France

15:30 – 16:00 Coffee break

The role of food system microbiomes to address current challenges

Moderator: Bettina Schelkle, European Food Information Council (EUFIC), Belgium

16:00 **Microbiomes for ensuring nutritional safety, resilience and sustainability**

16:15 Roundtable Discussion

17:15 **Closure of day**

29 June 2022

Microbiomes for the blue bioeconomy

Moderator: Gabriele Berg, Graz University of Technology, Austria

09:00 Linking the ocean microbiome with future-proof food systems

09:10 Developments in the All-Atlantic Marine Microbiome
Margaret Rae, EU Co-Chair AORA Microbiome Working Group

09:20 A dip in the blue: exploring fish microbiome for a sustainable future of aquaculture
Grazia Marina Quero, Institute for Marine Biological Resources and Biotechnology, National Research Council of Italy, Italy

09:40 The role of the microbiome in seaweed cultivation
Erik Malta, CTAQUA, Spain

Microbiomes for the bioeconomy

Moderator: Annelein Meisner, Wageningen University, the Netherlands

10:00 An economic perspective on microbiomes for the bioeconomy

10:10 Microbial consortia and biotech applications
Manuel Porcar, University of Valencia, Spain

10:30 Making microbiomes robust for the bioeconomy
Hauke Harms, Helmholtz Centre for Environmental Research, Germany

10:50 – 11:20 Coffee break

Global microbiome research: opportunities and challenges

Moderator: Kathleen D'Hondt, Department Economy, Science and Innovation (EWI, Flemish government), Belgium

11:20 **USA:** Linda Kinkel, Dept. of Plant Pathology, University of Minnesota, USA

11:35 **Canada:** Trevor Charles, Dept. of Biology, University of Waterloo

11:50 **Australia:**

- Brajesh Singh, Global Centre for Land-Based Innovation, Western Sydney University
- Joanna Grainger, Australian Mission to the EU and NATO, Belgium

12:05 **New Zealand:** Steve Wakelin, Dept. of Forest Science, Scion, New Zealand

12:20 **India:**

- Joseph Selvin, Dept. of Microbiology, Pondicherry University, India
- Sarika Ambika Rajendran, Kerala Biotechnology Commission, India

12:35 – 13:30 Lunch break

13:30 **South Africa:**

- Don Cowan, Centre for Microbial Ecology and Genomics, University of Pretoria
- Ben Durham, National Dept. of Science and Innovation, South Africa

13:45 **Brazil:** Juliana Yassitepe, Brazilian Agricultural Research Corporation (EMBRAPA)

14:00 **Closing lecture: Microbiome research and innovation for sustainable and healthy food systems**

John Bell, Director Healthy Planet, DG Research & Innovation at European Commission

14:45 **Closure**