“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
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