



Paving the Microbiome Way for Improved Food Systems

MicrobiomeSupport Stakeholder Conference

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

27th - 29th
JUNE 2022

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 **Networking reception**

@MicrobiomeEU
#MicrobiomePathways
#Microbiomes4Life
#FOOD2030EU



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research and innovation programme under grant agreement No 818116

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 R&I to tap into the potential of microbiomes in primary production. *Gisela Quaglia*, DG AGRI

09:50 Assessing soil microbial distribution for guiding soil life conservation. *Alberto Orgiazzi*, Independent Researcher (formerly JRC)

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 Coffee break
11:15

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. *Dirk Hadrich*, European Commission, DG RTD

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

11:55 Microbiomes and food security. *Scott Klasek*, University of Minnesota, USA

12:05 Microbiomes and food safety. *Luca Coccolin*, University of Torino, Italy

12:25 Microbiomes and human health. *Emmanuelle Maguin*, INRAE, France

12:45 Lunch break
14:00

MICROBIOMESUPPORT & THE INNOVATION PROJECTS PUTTING RESEARCH INTO PRACTICE

Moderator: **Ulrich Schurr**, Forschungszentrum Jülich, Germany

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 Austrian Institute of Technology, Austria
Anne Pihlanto, LUKE, Finland

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

15:30 Coffee break
16:00

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. MicrobiomeSupport consortium

16:15 Roundtable Discussion with: *Karel Callens* (FAO, UN), *Kristina Campbell* (independent microbiome writer, CA), *Kathleen D'Hondt* (ILVO, BE), *Niall Gerlitz* (DG MARE, EU), *Artem Khlebnikov* (Eagle Genomics, UK), *Lene Lange* (LLa Bioeconomy, DK), *Emmanuelle Maguin* (INRAE, FR), *Angela Sessitsch* (AIT, AT) & *Vivien Wohsmann* (European Parliament, EU)

17:15 Closure of day

29 JUNE 2022

MICROBIOMES FOR THE BLUE BIOECONOMY

Moderator: Gabriele Berg, Graz University of Technology, Austria

- 09:00** Developments in the All-Atlantic Marine Microbiome. *Margaret Rae*, EU Co-Chair AORA Microbiome Working Group
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- 09:10** 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
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- 09:30** The role of the microbiome in seaweed cultivation. *Erik Malta*, CTAQUA, Spain

MICROBIOMES FOR THE BIOECONOMY

Moderator: Annelein Meisner, Wageningen University and Research, The Netherlands

- 09:50** Microbiomes for the bioeconomy. *Jérémy Pinte*, European Commission, DG GROW
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- 10:10** Microbiomes for Circular Bio-based Europe. *Lene Lange*, LLa Bioeconomy, Denmark
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- 10:20** Microbial consortia and biotech applications. *Manuel Porcar*, University of Valencia, Spain
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- 10:40** Making microbiomes robust for the bioeconomy. *Hauke Harms*, Helmholtz Centre for Environmental Research, Germany
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- 11:00** Coffee break
- 11:20**

GLOBAL MICROBIOME RESEARCH: OPPORTUNITIES AND CHALLENGES (IBF SESSION) Moderator: Kathleen D'Hondt, Department Economy, Science and Innovation (EWI, Flemish government), Belgium

- 11:20** Welcome: *Magdalena Gajdzinska*, European Commission, DG RTD
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- 11:30** USA: *Elizabeth Stulberg*, Lewis-Burke Associates LLC, USA
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- 11:50** Canada: *Carly Huitema*, Waterloo Centre for Microbial Research, Canada
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- 12:10** Australia: *Brajesh Singh*, Global Centre for Land-Based Innovation, Western Sydney University
Joanna Grainger, Australian Mission to the EU and NATO, Belgium
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- 12:30** Lunch break
- 13:30**
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- 13:30** New Zealand: *Steve Wakelin*, Dept. of Forest Science, Scion, New Zealand
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- 13:50** India: *Joseph Selvin*, Dept. of Microbiology, Pondicherry University, India.
Sarika Ambika Rajendran, Kerala Biotechnology Commission, India
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- 14:10** South Africa: *Don Cowan*, Centre for Microbial Ecology and Genomics, University of Pretoria
Siyavuya Bulani, National Dept. of Science and Innovation, South Africa
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- 14:30** Brazil: *Juliana Yassitepe*, Brazilian Agricultural Research Corporation (EMBRAPA)
Alessandro Cruvinel, Ministry of Agriculture Livestock and Supply, Brazil
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- 14:50** Closing lecture: Microbiome research and innovation for sustainable and healthy food systems.
John Bell, Director Healthy Planet, DG RTD, European Commission