

# THE MICROBIOME AT THE HEART OF SUSTAINABLE FOOD PRODUCTION

24th September 2019

ENEA - Via Giulio Romano, 41 - Rome

As the world population is continuously growing, food supply and equal access to food are two of the major issues and challenges of the near future. Microbes are still unexploited tools to increase food productivity, quality and safety. For this purpose, efforts are currently being made to identify innovative solutions derived from microbiomes to increase competitiveness and sustainability of food systems, creating products that are closer to consumers' needs. This event brings together key Italian stakeholders for a meeting and debate on key issues and potential for the microbiome in sustainable food production.

## Programme

9:00 • Registration of participants and welcome coffee

9:15 • **Welcome address**

**Massimo Iannetta**, ENEA Head of Biotechnology and Agroindustry Division

I *Chairman/Moderator:* Annamaria Bevivino, ENEA Paolo Visca, Roma Tre University

9:30 • **Italian microbiome initiative for improved human health and agrifood production**

**Patrizia Brigidi**, University of Bologna

9:50 • **MicrobiomeSupport: Harmonising Microbiome Research Methods & Funding Worldwid**

**Luca Simone Cocolin**, University of Torino

10:10 • **CIRCLES Project - Unlocking the potential of microbiomes for sustainable food production**

**Elena Biagi**, University of Bologna

10:30 • **SIMBA Project - Sustainable innovation of microbiome applications in the food system**

**Annamaria Bevivino**, ENEA Head of the ENEA Laboratory for AgriFood Sustainability, Quality and Safety

II *Chairman/Moderator:* Patrizia Brigidi, University of Bologna Luca Simone Cocolin, University of Torino

10:50 • **MASTER Project – Microbiome Applications for Sustainable food Systems through Technologies and EnteRprise**

**Danilo Ercolini**, Federico II University of Naples

11:10 • **EXCALIBUR Project –Exploiting the multifunctional potential of belowground biodiversity in horticultural farming**

**Stefano Mocali**, Council for Agricultural Research and Agricultural Economy Analysis  
CREA · Research Centre for Agriculture and Environment (Florence) (CREA-AA)

III *Chairman/Moderator:* Massimo Iannetta, ENEA Andrea Sonnino, FIDAF

11:30 • **Round Table SMEs Experience in Horizon 2020 Projects**

AGRIGES: Innovation and Research in agriculture.

**Pio Guarino**, AGRIGES **SIMBA PROJECT**

SYMBIOTIC AGRICULTURE: efficacy of commercial symbiotic bio-fertilizer consortia in agriculture. **Giusto**

**Giovannetti**, CCS AOSTA **SIMBA PROJECT**

Approaches for microbiome assessment in food chain workers

**Andrea Castagnetti**, Wellmicro **CIRCLES PROJECT**

Plant extracts as powerful and sustainable microbiome modulators

**Samuele Giovando** CRCF **CIRCLES PROJECT**

The role of CRPV on research and dissemination activities within the European project Excalibur

**Vanni Tisselli** CRPV **EXCALIBUR PROJECT**

12:15 **Debate and open questions by the audience - Closing remarks**

Afternoon debate with researchers focusing on microbiome research for sustainable food production progress and potential in Italy, with Italian partners from SIMBA, CIRCLES, MASTER funded through the European Union's Horizon 2020 research and innovation programme