

II INTERNATIONAL CONGRESS FROM PLANT HEALTH TO COMMUNITY HEALTH: FOCUS ON BIOTECHNOLOGY AND FUNCTIONAL FOOD

May 14, 2022
Brescia and online



Brescia, May 14, 2022
Aula Magna S. Faustino
Via S. Faustino 74/B – Brescia

This second edition of “From Plant Health to Community Health” meets themes, based on the recognition of interdependence and interconnectedness of the promotion of plant health, the protection of valuable ecosystems, the global challenge of population growth and food security, and the maintenance and preservation of human health and well-being, in a broad One Health ethical framework. Scientists from different countries will discuss together about innovative strategies enhancing fitness and nutraceutical properties of plants, innovative sensors for agriculture and food monitoring, and the beneficial effects of nutraceuticals and functional food on human health.

The conference is for those who desire to address the global health challenges of the 21st century, while ensuring the biological integrity of the planet, in a transversal and innovative perspective, to drive the next tasks of Agenda 2030.

The Congress will be held as a **hybrid conference**, giving you the option to attend either virtually, or physically in Brescia.

PROGRAMME

9:00-9:20	Opening Welcome Prof. Maurizio Tira, University of Brescia, Rector Dr. Jingyuan Xia, FAO Plant Production and Protection Division, Director
9:20-11:20	Keynote Lectures 1. Advancing Climate Resilient Food Systems for Human Health, <i>Kalidas Shetty, USA</i> 2. Innovative Microbial Strategies Enhancing Fitness and Nutraceutical Properties of Plants: The Effect of the Root Endophyte <i>Serendipita indica</i> on Specialized Metabolism in Tomato Shoots, <i>David B. Collinge, Denmark</i> 3. Food Metabolites and Nutritive Value of Crops, <i>Lillian Barros, Portugal</i> 4. Sustainable Sensors for Agriculture and Food Monitoring, <i>Firat Guder, UK</i>
11.20 – 11.45	Break
11:45 – 13:00	Plant Health, Technology, Biotechnology and Functional food 5. Microbial Enriched Compost: Potential for Plant Resilience and Nutraceutical Applications, <i>Daniela Bulgari, Italy</i> 6. Application of Beneficial Fungi as a Strategy for Mycotoxin Risk Reduction <i>Sabrina Sarrocco, Italy</i> 7. Increasing the Soil Productivity in a Sustainable Way: IoT to the Rescue <i>Victor Grimblatt, Chile</i> 8. Nutraceutical Enriched Vegetables: New Approaches for Human Health <i>Daniela Uberti, Italy</i>
13:00	Closing Remarks

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