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TENTATIVE PROGRAM

HYBRID EVENT
18-20
MARCH 2027

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POST-CONFERENCE PUBLICATION
Scopus-indexed journal
Food Science and Technology
Horizon Research Publishing | ISSN 2331-5156

Theme:
Transforming Food Systems through Science, Innovation, and Technology

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Keynote Speakers



Kasiviswanathan Muthukumarappan
South Dakota State University, United States



Robert L Zimdahl
Colorado State University, United States



Jean Pierre Poulain
University of Toulouse-Jean Jaures, France



Meike Rombach
Lincoln University, New Zealand



Tamaz Patarkalashvili
Technical University of Georgia, Georgia



Viktor Fedorovich Stukach
Omsk State Agrarian University, Russia



Erdogan Kucukoner
Suleyman Demirel University, Turkey



C O Mohan
ICAR-Central Institute of Fisheries Technology, India



Kiran Dande
Mahatma Basweshwar College, India



Pubali Dhar
University of Calcutta, India



Rita Singh Raghuvanshi
G.B. Pant University of Agriculture and Technology, India



Ashot Khachatryan
New Hydrogen Technology, Armenia

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KEYNOTE PRESENTATIONS

Kasiviswanathan Muthukumarappan, South Dakota State University, United States

Title: Cold atmospheric plasma for microbial decontamination of fresh produce and agricultural water: Mechanistic evidence, process intensification, and translational research priorities

Robert L Zimdahl, Colorado State University, United States

Title: Sustainable agriculture and the environment: An ethical perspective

Jean Pierre Poulain, University of Toulouse-Jean Jaures, France

Title: Will be Updated Shortly

Meike Rombach, Lincoln University, New Zealand

Title: Will be Updated Shortly

Tamaz Patarkalashvili, Technical University of Georgia, Georgia

Title: Adverse impacts of climate change on food production and security

Viktor Fedorovich Stukach, Omsk State Agrarian University, Russia

Title: Sociocultural architecture of the food system for socially vulnerable groups: Institutional structure, resource of restored degraded lands, state support

Erdogan Kucukoner, Suleyman Demirel University, Turkey

Title: Will be Updated Shortly

C O Mohan, ICAR-Central Institute of Fisheries Technology, India

Title: 3D printing of fish product enriched with essential nutrients

Pubali Dhar, University of Calcutta, India

Title: Valorizing agro-industrial oilseed by-products into next-generation functional food ingredients

Kiran Dande, Mahatma Basweshwar College, India

Title: Climate change, dairy animals and human nutrition: Challenges and opportunities

Rita Singh Raghuvanshi, G.B. Pant University of Agriculture and Technology, India

Title: Beyond the sting: Unlocking the nutritional potential of stinging nettle

Ashot Khachatryan, New Hydrogen Technology, Armenia

Title: Hydrogen products: The new operating system for human longevity

ORAL PRESENTATIONS

Derya Özalp Ünal, Field Crops Central Research Institute, Turkey

Title: From crop diversification to food markets: Mapping policy support for chickpea, pea and rye

Nedyalka Naneva Valcheva, Vocational High School Prof. Dr. Asen Zlatarov, Bulgaria

Title: Characterization of isolated strains of microorganisms from mineral, mountain and spring waters from France, Italy, England, South Korea, Japan, Netherlands, Austria, Spain, Singapore, Germany, Switzerland, Greece, Turkey, Dubai, Serbia and Bulgaria

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Juan Felipe Nuñez Espinoza, Colegio de Postgraduados, Mexico

Title: Mexican research network in agrifood systems: An approach

Zhengyuan Zhou, Inne Institute of Nutrition and Health, China

Title: Liquid calcium supplementation improves growth and bone health in Chinese children: A prospective cohort study

Hafiz Nabeel Ahmad, Jinan University, China

Title: Development of freshness control films based on polyphenol-betalain co-pigmentation strategy for visual monitoring of beef spoilage

Narendra VG, Manipal Academy of Higher Education, India

Title: Quality evaluation of agricultural and food products using deep learning

Subhas Chandra Datta, Kanchannagar D N Das High School, India

Title: Emerging biomedicine technologies improve global innovations in well-being with safe, smart, and sustainable food

Avinash Sharma, Arunachal University of Studies, India

Title: Controlled environment ecosystem: A plant growth chamber to encounter climate change and grow plants through controlled environment technologies

Harsha Hirdyani, Curcumin Sdn Bhd, Malaysia

Title: Applied food science as a driver of next-generation food innovation

Irene A Binag, Sultan Kudarat State University, Philippines

Title: Sensory evaluation, physicochemical characterization, and consumer acceptability of peanut-quinoa plant-based cheese formulations

Maria Mudassar Butt, University of Home Economics, Pakistan

Title: Consumption of ultra-processed foods and the double burden of malnutrition in Pakistan

Wilfred A Abia, University of Yaounde 1, Cameroon

Title: Food contaminants, human exposure and health risk in Cameroon: Transforming food systems through science and innovation

Famata Nanqui, Women's Agricultural Cooperative of Guinea-Bissau, Guinea-Bissau

Title: Transformation of agri-food systems

Oral presentation slots are available

POSTER PRESENTATIONS

Harika Kakkireni, Independent Research, United States

Title: NEXRIVOS: Cross-jurisdictional food safety analysis multi-agent large language model orchestrator with age-adaptive consumer education

Momoko Hidaka, University of Miyazaki, Japan

Title: Antioxidant properties of honey derived from sweet potato flowers compared with commercial Japanese honeys

Poster presentation slots are available