

*2nd International Conference on*

# **AGRICULTURE & NATURAL RESOURCES**

**November 17-18, 2025 | Rome, Italy**



**Hosting Organization: Inovine Meetings LLC, 2C Pecan Hill Drive Clinton  
Mississippi, 39056 USA | Phone: +1-408-648-2233**

# Day 1

## *Scientific Program*

**November 17, 2025 | Rome, Italy**

**Conference Hall : Sala Aurelia**

**09:00 – 09:15: Registrations**

**09:15 – 09:30: Opening Ceremony**

### Keynote Presentations



**09:30–10:10**

**Title: Development of a functional juice from Hasawi lemon sweetened with date syrup and enriched with inulin: A study on the stability of the bioactive components and the promotion of probiotics**

**Nashi Khalid Alqahtani**

King Faisal University, Saudi Arabia



**10:10–10:50**

**Title: Root Angle Variation in the Ozbarley Population is Driven by Genetic Variation in Key Expansin Genes**

**Maxwell Asiedu**

University of Nottingham, United Kingdom

**Group Photo | Coffee Break 10:50-11:10@ Foyer**

### Session Introduction

### Tracks

**Food Science and Technology | Food and Beverages Innovation | Food Processing and Packaging | Food Safety and Quality Control | Nutrition and Functional Foods | Dairy and Fermentation Technology | Sustainable Food Production | Food Chemistry and Microbiology | Agricultural Biotechnology | Plant Biotechnology for Agriculture | Plant Pathology and Disease Resistance | Agronomy and Crop Sciences | Sustainable Agriculture Technologies | Organic Farming | Food Security and Nutrition**

**Session Chair: Nashi Khalid Alqahtani, King Faisal University, Saudi Arabia**

**Session Co-Chair: Maxwell Asiedu, University of Nottingham, United Kingdom**

## Oral Presentations

11:10–11:35

**Title: When advice becomes regulation: assessing evidence integration and regulatory quality in EU food safety**  
**Naseembanu Kroegel**  
National Academy of Science and Engineering, Germany

11:35–12:00

**Title: Pesticide Residues in Barley and free Hop APA Style Beer: Impact on Food Safety and By-products**  
**Silvina Murialdo**  
**Ana Ins Diaz Caceres**  
Technological University (UTEC), Paysandu, Uruguay

12:00–12:25

**Title: High Temperature-Induced Modulation of Metabolic and Antioxidant Profiles in Broccoli (*Brassica oleracea* var. *cymosa*) Across Developmental Stages**  
**Ivana Sola**  
University of Zagreb, Croatia

12:25–12:50

**Title: From EFSA Opinions to EU Decisions: Tracing Advice Uptake in the Better Regulation Cycle**  
**Naseembanu Kroegel**  
National Academy of Science and Engineering, Germany

## Lunch Break 12:50-13:50

13:50–14:15

**Title: Acoustic Vibrations Modulate Morphology, Physiology and Stress Responses in *Olea europaea* cv. Leccino**  
**Diego Comparini**  
Universita degli Studi di Firenze, Italy

14:15–14:40

**Title: Comparative Bioaccessibility and Bioactivity of Matcha and Sencha Green Tea During Simulated Digestion**  
**Gordana Rusak**  
University of Zagreb, Croatia

14:40–15:05

**Title: Functional food Nutraceuticals, Fermentation, Composite Victuals, Lichens, Soft Corals**  
**Claudia Evelina Budu**  
Researcher and Innovator, Romaina

15:05–15:30

**Title: Innovative Approaches in Animal Feed Trade and Sustainable Livestock Management**  
**Ayman Ahmed**  
Mansoura University, Egypt

## Coffee Break 15:30-15:40@ Foyer



15:40–16:05	<b>Title: Advancing Halal Compliance in the Food Industry Through AI and Digital Innovation</b> <b>Reem Al Shamsi</b> Ministry of Agriculture, Fisheries and Water Resources Oman
16:05–16:30	<b>Title: The impact of climate change on the winter feeding status of livestock in Afghanistan</b> <b>AbdalmominAzimi</b> Badghis University Afghanistan, Afghanistan
16:30–16:55	<b>Title: Effect Of Dietary Zinc On The Growth Of Juveniles Common Carp (Cyprinus Carpio)</b> <b>Shokri Omar Mustafa</b> Ministry Of Agriculture And Water Resources In Iraqi Kurdistan, Iraq

**Panel Discussion & Certificate Falcitation**  
**Day –1 Ends**

# Day 2

## Scientific Program

Virtual Mode Zoom Meeting  
(GMT+1) Time in Italy

November 18, 2025 | Virtual

### Oral Presentations

09:00–09:20

**Title: Unveiling the Population Genetic Structure of European Hornbeams in the Hainault Forest: Determining the Extent of Clonality, Genetic Diversity and Spatiality**

**Yuqing Liu**

University College London, United Kingdom

09:20–09:40

**Title: Effect of Freeze-Concentration on total phenols content in pomegranate skin extracts**

**Maryam Mohammed Al-Ghazali**

Sultan Qaboos University, Oman

09:40–10:00

**Title: Kanchannagar D N Das High School (HS), West Bengal, India**

**Mudassar SanaUllah**

Harbin Institute of Technology, China

10:00–10:20

**Title: Nutraceutical Pastes, Food Safety**

**Ysabel Ramos Lalupu**

Universidad Católica Sedes Sapientiae. Lima, Peru

10:20–10:40

**Title: Chemical and Sensory Properties of Probiotic Yogurt Enriched with Elaeagnus angustifolia Fruit Flour and Purple Fruit Powders**

**Shima Asgarzadeh**

Istanbul Aydin University, Istanbul, Turkey

10:40–11:00

**Title: Food And Nutrition Security: Twin Pillars Of Health For Construction Workforce**

**Somya Gupta**

Banasthali Vidyapith, Research Scholar, India

11:00–11:20

**Title: Food Group Variability and Child Nutrition: Insights from a Food Science Approach in Mumbai, India**

**Namrata Nitin Bagle**

UvRoh, India

11:20–11:40

**Title: Insect Meal as a Sustainable Alternative Protein in Rainbow Fish (Melanotaenia spp.) Diets**

**Albana Uka**

University St. Kliment Ohridski, Germany

11:40–12:00

**Title: Eat Right Initiative**

**Pritee Chaudhary**

Regional Director, Food Safety and Standards Authority of India, Govt of India

12:00–12:20

**Title: Agriculture high quality development and quality beverages plant**

**Zhongsheng Guo**

Northwestern A & F University, Yangling, China

12:20–12:40	<b>Title: Genetic Structure of the Shea Tree (<i>vitellaria paradoxa</i> c.f. Gaertn.) Population and Fatty Acid-Based Selection of Elite Genotypes in Benin</b> <b>Guillaume Bodjrenou</b> University of Lorraine, France
12:40–13:00	<b>Title: Environmental and Sustainable Applications of <i>Ormenis mixta</i> Essential Oil from the Pré-Rif Region of Morocco</b> <b>Kodad Hajar</b> University Ibn Tofail, Morocco
13:00–13:20	<b>Title: Potential For Integrating Quinoa (<i>Chenopodium Quinoa</i>) Into The East Africas Food And Agricultural Systems: A Review Of Opportunities And Challenges</b> <b>Danstone Aboge</b> Ghent University, Kenya
13:20–13:40	<b>Title: Two -Tier Immune Response in saffron (<i>Crocus sativus</i> L.) against <i>Fusarium oxysporum</i></b> <b>Jewel Jameeta Noor and Nasheeman Ashraf</b> CSIR-Indian Institute of Integrative Medicine, India
13:40–14:00	<b>Title: ZnO nano-priming Regulates Aquaporin Gene Expression and Antioxidant Systems to Enhance Drought Tolerance in Radish (<i>Raphanus sativus</i> L.)</b> <b>Prabakaran Rameshkumar</b> Bharathiar University, India
14:00–14:20	<b>Title: Yield Analysis of Black Gram Under Line Sowing and Broadcasting methods: A Study Integrated with Data Analytics</b> <b>Vakeesan Diluxshan</b> University of Moratuwa, Sri Lanka
14:20–14:40	<b>Title: Biofortification As A Strategy For Productive Inclusion And Food Security In The Rural Area Of Caruaru</b> <b>Maciel Alves Tavares</b> Federal University Of Agreste Of Pernambuco, Brazil
14:40–15:00	<b>Title: Utilization of Agro-industrial Byproduct/Waste (Aibws) For Improving Crop Plant Growth and Development</b> <b>Yeduguru Keerthana Reddy</b> Ben Gurion University, Israel
15:00–15:20	<b>Title: The Livello in Italian Property Law: An Uncodified Institution between Real Rights and Emphyteusis – Practical Issues and Possible Solutions</b> <b>Avv. Francesco Tedioli</b> University of Mantova, Italy
15:20–15:40	<b>Title: Evaluation of Surface and Subsurface Drip Irrigation for Rice Using Drought-Tolerant Genotypes in South-Central Chile</b> <b>Hamil Uribe</b> INIA, Chile
15:40–16:00	<b>Title: Ginger-Biomedicines May be Popular as a ‘Household-Vaccine’ Against Future Pathogens in Advanced Research and Trends in Food Sciences</b> <b>Subhas Chandra Datta</b> Kanchannagar D N Das High School (HS), West Bengal, India