

# Final Program



Joint Event 2<sup>nd</sup> Edition of  
**Plant Science And Molecular  
Biology World Conference &  
Agriculture, Forestry and  
Horticulture World Conference**

October 19-21, 2025

## Venue

Millennium Hotel Paris CDG, France @ Hybrid (In-Person & Virtual)

Joint Event 2<sup>nd</sup> Edition of  
**Plant Science And Molecular Biology World Conference & Agriculture, Forestry and Horticulture World Conference**

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## DAY 1 In-Person Presentations

- 08:30-08:50 **Registrations** **Moderator: Linh T.M. Hoang**
- 08:50-09:00 **Opening Ceremony and Introduction**

### Keynote Presentations

- 09:00-09:40 Linh T.M. Hoang, School of Agriculture and Food Sustainability, The University of Queensland, Australia  
**Title: Genome Editing for Enhanced Salt Tolerance in Rice *Oryza Sativa***
- 09:40-10:20 Sunandana Mandal, Department of Chemistry, Moyna College, Affiliated to Vidyasagar University, India  
**Title: Exploring the Biological Significance of Synthesized Silver Nanoparticles**

### Oral Presentations

- 10:20-10:50 Rafal Kukawka, Adam Mickiewicz University Foundation, Poland  
**Title: Environmentally Safe Plant Resistance Inducers as an Alternative to Pesticides**
- 10:50-11:20 Group Photo  
Coffee Break @ Lobby
- 11:20-11:50 Eleonora Cataldo, DAGRI Department, University of Florence, Italy  
**Title: End Results of Zeolite Application on *Vitis Vinifera L.*, San Miniato and Montalcino Vineyards**
- 11:50-12:20 Junpeng Niu, College of Life Sciences, Shaanxi Normal University, China  
**Title: Effects of Exogenous CLE26 Peptide on the Quality of Kiwifruit During Shelf Life**
- 12:20-12:50 Natalia Togonidze, Scientific Research Centre of Agriculture, Institute of Botany, Ilia State University, Georgia  
**Title: Determination of the Potential of Successional Stages of Natural Regeneration of Subalpine Birch Forests, Georgia, Central Greater Caucasus**
- 12:50-02:00 Lunch @ Lobby

### Keynote Presentations

- 02:00-02:40 Shweta Rana, Department of Physical and Natural Sciences, FLAME University, India  
**Title: Advancing Sustainability in Agrifood Systems: Harnessing Modern Tools with Traditional Practices**

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- 02:40-03:20 Hossam Eldin Rushdi Ahmed Ali Osman, Faculty of Agriculture, Cairo University, Egypt

**Title: Flavor, Lipid, and Transcriptomic Profiles of Chinese Wagyu Beef Cuts Insights into Meat Quality Differences**

## Oral Presentations

- 03:20-03:50 Anna Pick Kiong Ling, Division of Applied Biomedical Science and Biotechnology, School of Health Sciences, IMU University, Malaysia

**Title: Biochemical and Transcriptomic Insights into Drought Tolerance Related Genes in Reproductive Stage Rice Mutants**

- 03:50-04:20 Coffee @ Lobby

- 04:20-04:50 Gayeon Kim, Plant Systems Engineering Research Center, Korea Research Institute of Bioscience and Biotechnology (KRIBB), South Korea

**Title: Feronia Defines Intact Tissue Boundaries Through Cuticle Development**

- 04:50-05:20 Thais Gleice Martins Braga, GECTAM Research Group, Federal Rural University of the Amazon – UFRA, Brazil

**Title: Amazon Women Seal: Recognizing, Valuing, and Transforming Through an Innovative Policy in Regional Bioeconomy and Social Innovation in Light of the COP30 Commitments**

- 05:20-05:50 Michael Kaase Aondoakaa, Chairman for Miva Rice, and Former Attorney General of the Federation & Minister of Justice, Federal Republic of Nigeria, Nigeria

**Title: Mitigating Food Insecurity in The Central Regions of Nigeria: Exploring Gender Inclusive Agro Innovative Solutions**

## (05:50-06:30)Poster Presentations

- Poster Presentation 1: Marius Budeanu, National Institute for Research and Development in Forestry "Marin Drăcea", Romania

**Title: Phenotypic Variability and Climatic Resilience of Pinus Cembra in Provenance Trials of Romanian Carpathians**

- Poster Presentation 2: Mohamed Abouleish, American University of Sharjah, United Arab Emirates

**Title: Biological Function of the Ghaf Tree Assessed Metabolites**

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## DAY 2 In-Person Presentations

- 08:30-08:50 **Registrations** Moderator: Sunandana Mandal
- 08:50-09:00 **Opening Ceremony and Introduction**

### Oral Presentations

- 09:00-09:30 Abdalrhaman M. Salih, National Research and Development Center for Sustainable Agriculture (Estidamah), Saudi Arabia  
**Title: Micropropagation of Elite Pomegranate *Punica Granatum* Landrace in Saudi Arabia Genetic Fidelity, Genome Size, and Biological Activity Evaluation**
- 09:30-10:00 Andrianna Martyniv, Founder and Managing Partner of MARTYNIV LAW FIRM, Ukraine  
**Title: Unlocking Ukraine's Agri Opportunities: From Soil to Digitalisation**
- 10:00-10:30 Paulo Peres de Sá Peixoto Junior, Materials and Transformations Unit National Research Institute for Agriculture, Food and the Environment, France  
**Title: Relationship Between Nanostructure and Techno-Functional Properties of Milk and Alternative Protein Hydrogels and Powders**

- 10:30-11:00 Group Photo  
Coffee Break @ Lobby

### Oral Presentations

- 11:00-11:30 Dani Sarsekova, Kazakh National Agrarian Research University, Republic of Kazakhstan  
**Title: Integrated Monitoring of Agricultural Lands of Kazger LLC**
- 11:30-12:00 Md. Ekramul Hoque, Department of Biotechnology, Sher-e-Bangla Agricultural University, Bangladesh  
**Title: Innovation of a New Plant Tissue Culture Medium Without Utilizing Explosive Chemical Ammonium Nitrate (NH<sub>4</sub> NO<sub>3</sub>)**
- 12:00-12:30 Wejden Brahmi, Laboratory of Biotechnology Applied to Agriculture, National Institute of Agronomic Research of Tunisia, Tunisia  
**Title: High Throughput Phenotyping and Biochemical Tools Promising Doubled Haploid Lines Tolerant to Water Stress**
- 12:30-01:00 Efraín Rodríguez Jiménez, Research Center on Protein Plants and Bio Natural Products, Cuba  
**Title: Cultivation of *Moringa Oleifera* as a Source of High Nutritional Value Foods**

- 01:00-02:00 Lunch @ Lobby

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## DAY 2 Virtual Presentations

- **AV Setup**

### Keynote Presentations

- 02:00-02:40 Minshad Ansari, CEO & Founder of Bionema Group, UK

**Title: Biofilms: A Next Generation Solution for Sustainable Agriculture**

### Oral Presentations

- 02:40-03:00 Zhiyong Li, China National Rice Research Institute, China

**Title: Sugar Inducible Rice NAC Transcription Factors Regulates Carbon Partitioning and Grain Yield**

- 03:00-03:30 Coffee @ Lobby

- 03:30-03:50 Michael Handford, Department of Biology, University of Chile, Chile

**Title: Unravelling the Interplay Between Ripening, Senescence and Lipoylation in Plants**

- 03:50-04:10 Jie Huang, China National Rice Research Institute, China

**Title: OsphyB Mediates Dim-light Reduced Insect Resistance by Promoting Ethylene Biosynthesis and Signaling in Rice**

- 04:10-04:30 Neamt Radu, Research and Development Station for Bovine Arad, Romania

**Title: Research Regarding the Carbon Balance in Agricultural Farms**

- 04:20-04:50 Yu Cheng, State Key Laboratory of Rice Biology and Breeding, China National Rice Research Institute, China

**Title: Gossypium Pururascens Genome Provides Insight into the Origin and Domestication of Upland Cotton**

- 04:50-05:10 Michelle M. Cortez, Bulacan Agricultural State College, Philippines

**Title: Forecasting and Pattern Analysis of Philippine Regions Palay and Corn Production**

- 05:10-05:30 Do Mai Nguyen, University of Sciences, Hue University, Vietnam

**Title: Valorization of Agricultural Biomass: A Novel Electrochemical Sensing Platform Based on Rice Straw Derived Carbon Dots for Food Safety Assurance**

- 05:30-05:50 Yerlan Dutbayev, Kazakh National Agrarian Research University, Kazakhstan

**Title: Evaluation of Spring Wheat Resistance to Common Root Rot in Kazakhstan in 2024**

## Closing Ceremony

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## DAY 3 Virtual Presentations

- 8:30-09:00 AV Setup

- **Virtual/ Speaker Presentation Line up**

### Keynote Presentations

- 09:00-09:40 Aparna Gunjal, Department of Microbiology, Dr. D.Y. Patil, Arts, Commerce and Science College, India

**Title: Biological Approach in Agriculture for the Growth of Plants**

### Oral Presentations

- 09:40-10:00 Farhahna Allie, Department of Biochemistry, University of Johannesburg, South Africa

**Title: Differential Gene Expression Patterns Distinguish Resistant and Susceptible Tomato Responses to ToCSV Infection**

- 10:00-10:20 Tan Suat Cheng, School of Health Sciences, Health Campus Universiti Sains Malaysia, Malaysia

**Title: Acute Oral Toxicity and Subacute Neurotoxicity Risk Assessments of Flavonoid-Enriched Fractions from Natural Plants**

- 10:20-10:40 Aidana Kharipzhanova, Kazakh National Agrarian Research University, Kazakhstan

**Title: Effect of Fungicide Treatment and Genotype on the Development of Foliar Diseases in Wheat in Southeastern Kazakhstan**

- 10:40-11:00 Sonia Vivona, Institute for Mediterranean Agricultural and Forestry Systems (ISAFOR), National Research Council of Italy (CNR), Italy

**Title: Social Agriculture for Life Quality and Environmental Sustainability A Case Study**

- 11:00-11:20 Taro Yamanashi, Department of Biomolecular Engineering, Tohoku University, Japan

**Title: Structural Rearrangements in CNBD-Ankyrin-Bridge is Important for the Activity of Guard-Cell Outward-Rectifying K<sup>+</sup> Channel Gork**

- 11:20-11:40 Ivano Forgione, Research Centre for Olive, Fruit and Citrus Crops, Council for Agricultural Research and Economics (CREA), Italy

**Title: SNP Markers Linked to Drought Tolerance in Olive (*Olea Europaea* L.): Insights from Contrasting Genotypes**

- 11:40-12:00 Nancy Taéra Ibraim Samamad, Mozambican Agriculture Research Institute, Mozambique

**Title: Molecular Identification of Coconut Lethal Yellowing Disease (CLYD) In Commercial Varieties In Zambézia, Mozambique**

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- 12:00-12:20 Tshegofatso Dikobe, Department of Botany, North-West University, South Africa  
**Title: Exploring The Dynamic Response Mechanisms of *Pennisetum Glaucum* Enhancing Resilience to Dual Drought and Salt Stress**
- 12:20-12:40 Zennouhi Omar, Environment and Development of Microbial and Plant Resources, Moulay Ismail University, Morocco  
**Title: Evaluation of the Fertilization Potential of Three *Rhizobia* Isolated from *Adenocarpus Boudyi* roots for use as Biofertilizers in the Restoration of Sylvopastoral Land**
- 12:40-01:00 Lisbet Pérez Bonachea, BIOPLANT CENTER Máximo Gómez Báez University of Ciego de Ávila, Cuba  
**Title: Transgenic Pineapple in T3 and T4 A Turning Point for Sustainable Agriculture. Comprehensive Data from the Field**

## Keynote Presentations

- 01:00-01:40 Shumaila Shahid, Division of Plant Pathology, ICAR Indian Agricultural Research Institute, India  
**Title: Role Of Nanoparticles in The Management of Fusarium Wilt Disease Of Cucurbits**

## Oral Presentations

- 01:40-02:00 Lata Shukla, Department of Biotechnology, School of Life Sciences, India  
**Title: Scutellum Derived Rice Calli from Indica Rice Varieties for Synthetic Biology**
- 02:00-02:20 Olivia Naliaka Simiyu, Founder of Functioly Sustainable Farms, Kenya  
**Title: Revolutionizing Nutrition and Sustainability: The Role of Technology in Insect Farming and Food Security**
- 02:20-02:40 Anirudh Kumar, Department of Botany, Central Tribal University of Andhra Pradesh (CTUAP), India  
**Title: *Lantana Camara* L.: Assessment of Antioxidant and Antimicrobial Properties**
- 02:40-03:00 Mei Yang, School of Forestry, Guangxi University, China  
**Title: Impacts of the Relationship of Species-Environment and Fertilization on the Sustainable Agroforestry in Subtropical Area of China**
- 03:00-03:20 Assia Ejilani, National Institute of Agricultural Research, Morocco  
**Title: Assessment of Genetic Diversity in Moroccan Pomegranate *Punica Granatum* L. Collection Using Physicochemical Approaches and Study of Effect of Age Trees**

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- 03:20-03:40 Tong Wu, College of Forestry, Guangxi University, China  
**Title: N-Fixing Species Enhance Accelerate N Cycling in Subtropical Mixed Eucalyptus Forests Via Microbial Pathways**
- 03:40-04:00 Márcia Figueira, Linking Landscape, Environment, Agriculture and Food Research Center, Instituto Superior de Agronomia, Portugal  
**Title: Farmer's Field Books and the Multi-Level Social-Ecological-Technical Systems (ML- SETS) Framework: Green Finance, LCA, and a Bioregional Understanding of Portuguese Rice**
- 04:00-04:20 Nirmali Gogoi, Department of Environmental Science, Tezpur University, India  
**Title: Influence of Drought Stress on Grain Quality of *Lathyrus Sativus***
- 04:20-04:40 Nasri Saida, INRAT, Laboratory of Animal and Forage Production, Tunisia  
**Title: Biochemical Characterization of *Pancratium Maritimum L***
- 04:40-05:00 Ayushi Gupta, ICAR-National Institute for Plant Biotechnology, India  
**Title: Microbiome-Epigenome Interplay Underlies Stress Tolerance in Insects**
- 05:00-05:20 Da Ye Kim, Department of Agricultural & Rural Engineering, Chungbuk National University, Republic of Korea  
**Title: An Integrated Framework for Evaluating Water Resource Social Services in Agricultural Watersheds**
- 05:20-05:40 ZinThuZar Muang, Small Farms and Specialty Crops Program, University of California Agriculture and Natural Resources, USA  
**Title: Addressing Barriers for Historically Underserved Producers in California's San Joaquin Valley to Implement Combined Soil Health Practices Through Participatory Planning and Evaluation on Diversified Farms**
- 05:40-06:00 He Tianle, College of Animal Science and Technology, Ningxia University, China  
**Investigating the Mechanisms Through which *Astragalus Membranaceus* Mitigates Heat Stress and Weaning Stress in Calves, as well as its Role in reducing the Incidence of Pneumonia**

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## **Upcoming Conferences**

**PMBWC 2026 Conferences**

**In July 2026 @ Singapore**

**AFHWC 2026 Conferences**

**In July 2026 @ Singapore**

**Get in touch with us at**

[info@precisionglobalconferences.com](mailto:info@precisionglobalconferences.com) for further details