



Joint Event 2nd 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)

Plant Science And Molecular Biology World Conference & Agriculture, Forestry and Horticulture World Conference

October 19-21, 2025

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 Abdalrhman M. Sal, 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 (NH₄ NO₃)
- 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 Purpurascens 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 (ISAFOM), 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⁺ 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, BIOPANT 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 Thiara Celine Estavillo Suarez, United Graduate School of Agricultural Science, Gifu University, Japan
Title: Comparison of Viral Infection Status of Roses in Japan
- 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
Title: 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

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