

3rd World Congress on

PLANT SCIENCE & BIOTECHNOLOGY SUSTAINABILITY

March, 25-26 | 2027 | London , UK



Hosting Organization: Vartus Group Limited, 182-184 High Street
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09:00-09:20: Registrations**Moderator: Rosie Joseph****09:20-09:30: Opening Ceremony****Oral Presentations****Title: Molecular Characterization of Parents And Hybrids of Released Maize Varieties Using SSR Markers****Md. Yeakub Khan** ,Bangladesh Wheat and Maize Research Institute , Bangladesh**Title : Exploring genetic resources of Himalayan Radish (*Raphanus sativus* L.): agro-morphological variation, total isothiocyanate profiling and SSR-based population structure****Kime Tare** , Sikkim University, India**Title: Integrated Molecular Diagnostic and Genomic Approaches for Surveillance and Management of Emerging Citrus Pathogens****Rushikesh D. Bharsakale**, ICAR-Central Citrus Research Institute, India**Title : Molecular Characterization of Basmati Rice Germplasm for Genetic Diversity and Targeted Bacterial Blight Resistance Breeding****Dr. Sana-e-Mustafa** , Rice Research Institute, Pakistan**Title : Genome-Wide Association Mapping of Soybean Elite Germplasm for Spring-Season Adaptation Using a High-Density SNP Array****Faisal Saeed Awan** ,University of Agriculture, Faisalabad, Pakistan**Tracks**

Plant Genetics, Genomics & Molecular Evolution | Plant Molecular Biology & Gene Expression Pathways | Plant Biotechnology, Genome Editing & Synthetic Biology | Plant Physiology, Metabolism & Functional Adaptation | Soil-Plant Interactions, Root Biology & Rhizosphere Microbiome | Plant Pathology, Immunity & Integrated Pest Management | Plant Tissue Culture, Micropropagation & Germplasm Conservation | Phytochemistry, Metabolomics & Natural Bioactive Compounds | Horticulture Innovation & Controlled Environment Agriculture | Forestry Science, Agroforestry & Climate-Responsive Land Use | Plant Ecology, Biodiversity & Conservation Sustainability | Systems Biology, AI-Driven Modeling & Computational Phenomics | Sustainable Agriculture, Policy Frameworks & Circular Bioeconomy | Plant Breeding, Phenotyping & Precision Agriculture | Industrial Biotechnology, Biomaterials & Green Bioinnovation

Title: Harnessing Plant Growth Promoting Rhizobacteria and Rhizosphere Microbiomes for Sustainable Agriculture and Climate Resilient Crop Production**Baljeet Singh Saharan**,Chaudhary Charan Singh Haryana Agricultural University, India**Title : Green-Synthesized Zinc Oxide Nanoparticles as Nano-Elicitors for Enhancing Secondary Metabolite Biosynthesis in Fennel *Foeniculum vulgare* Mill. Seeds****Sumra Nawaz**, University Of Okara, Okara, Pakistan

Title: Leaf cuticle-mediated drought responses in *Themeda triandra*

Anu Middha, Western Sydney University, Australia

Title : LED Spectral Composition and Daily Light Integral for Energy-Efficient Basil Production in Plant Factory Systems: A Systematic Review

Vincent Makini Gichaba , Hungarian University of Agriculture and Life Sciences, Hungary

Title: Enhancing drought resilience in quinoa varieties (*Chenopodium quinoa*) through the combined application of biostimulants and organic amendments under field conditions

Salma Toubali, University of Marrakech, Morocco

Poster Presentation

Title: Influence of Pruning and Fertilization on Alternate Bearing and Productivity of Olive (*Olea europaea* L.) cv. Al-Qaisi in Al-Hasakah

Abd Al Karim Jaafar , Damascus University, Syria

Title: Genome Wide Association Study to Identify Marker Trait Associations for Nutritional and Glycemic Quality Traits in Indian Dwarf Wheat (*Triticum sphaerococcum* Percival)

Prathibha, Indian Institute of Agricultural Science, India

Title: Comparative Whole-Metagenome Profiling of Jivamrit Prepared from Gir and Dangi Cattle Reveals Breed-Associated Microbial Diversity and Functional Potential

Jigisha Thakkar, Gujarat Technological University, India

Title: Innovative Technologies for Water-Efficient and Sustainable Crop Production: From Polyhouse Systems to Smart Plant Cultivation

Kartik Chauhan, Gujarat Technological University, India

Title: Exploiting Landrace Diversity for Genetic Improvement of Yield and Nutritional Traits in Foxtail Millet

Shaik Sameena, Yogi Vemana University, India

Title: Blast Disease of Foxtail Millet (*Setaria italica*): Pathogen Biology, Host Defense and Management Strategies under Changing Climate

Konda Sravan Simha Reddy , Yogi Vemana University, India

Title : CRISPR-Cas9-Driven Improvement of Foxtail Millet (*Setaria italica*) for Enhanced Nutraceutical Potential: Metabolomic Profiling, Efficacy, and Safety Evaluation

Sadia Qamar, IARI, New Delhi

08:50-09:00

Virtual Mode Zoom Meeting

Virtual Presentations

Title: Biotechnological Innovations for Climate-Resilient Agriculture: A Systematic Review of Genetic Engineering, Molecular Breeding, and Omics Approaches in Major and Underutilized Crops
Usman Mohammed Ali, Wollega University, Ethiopia

Title: Harnessing Root-Microbiome Synergies For Climate Resilience and Sustainable Crop Productivity

Darshan S, Tamil Nadu Agricultural University, India

Title: Genome Wide Association Study to Identify Marker Trait Associations for Nutritional and Glycemic Quality Traits in Indian Dwarf Wheat (*Triticum sphaerococcum* Percival)

Prathibha K, Indian Institute of agricultural sciences, India

Title: Expression dynamics of DNA methylation machinery during ethephon-induced sex-conversion in *Cannabis sativa*: an in silico genome-wide analysis

Sweety Chanda, CSIR-Central Institute of Medicinal and Aromatic Plants, India

Title: From Metabolomics to Molecular Docking: Exploring the Bioactive Potential of Moroccan *Rosa damascene*
Nezha Lebkiri, National Institute of Agricultural Research, Morocco

Title: Climate Change Impacts on the Potential Distribution of *Stachys fontqueri* Pau (Lamiaceae), a Strict Endemic Medicinal Species of the Moroccan Rif: Towards Sustainable Conservation
Hanane Driouech, Sidi Mohamed Ben Abdellah University, Morocco

Title: Nitrogen form controls calcium oxalate biomineralization via oxalate oxidase in in vitro-grown *Colobanthus quitensis*
Hazel Martínez-Loria, Institute Technology of Costa Rica, Costa Rica

Panel Discussion

Day -2 Ends



WORLD CONGRESS ON **PLANT SCIENCE** 2027

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