

Plant Science Conference 2026



SCIENTIFIC PROGRAM

**6th International Conference on
Plant Science
and Agriculture Research
June 22-23, 2026**

London UK & Virtual (Hybrid Event)

Delight Scientific Conferences

**Office 1353 182-184 High Street North,
East Ham, London E6 2JA, UK**

Phone Number: +44-7451246744

Email: info@delightscientific.com



<https://plantscience.delightscientific.com/>

SCIENTIFIC PROGRAM

Plant Science Conference 2026 | June 22-23, 2026

Time Zone: GMT+1, London, UK (Hybrid Event)

June 22, 2026

10:00 AM

Opening Ceremony

10:00-10:10 AM

Keynote Speaker Session

Presentation Time: 10:10-10:40

Dr. Teresa de Jesús Rodríguez Rojas, University of the State of Morelos, Mexico

Presentation Title: Silver nanoparticles in the in vitro aseptic establishment of poinsettia (*Euphorbia pulcherrima* Willd. ex Klotzsch) var. Belén

10:40-11:10

Dr. Cyrine ABID, National School of Engineers of Sfax, Tunisia

Presentation Title: Optimized Cryogenic DNA Extraction for High-Quality Fungal Genomics: A Comparative Study of Tunisian Strains

11:10-11:40

Dr. Fereshteh Naderydehsheikh, Czech University of Life Sciences Prague, Czech Republic

Presentation Title: Quality Properties of Dried Banan Slices with Carboxymethyl Cellulose Coating Ultrasonic Pretreatments

11:40-12:10

Dr. Dattatray Bhalekar, Washington State University, USA

Presentation Title: Autonomous Unmanned Ground (UGV) Vehicle Sprayer for Modern Orchard Systems

12:10-12:40

Dr. Lucas Pinto Alman, National University of La Plata, Argentina

Presentation Title: Bacterial microbiota dynamics of *Cannabis sativa* L. under biotic stress induced by *Tetranychus urticae*

Plenary Speaker Session 1

Scientific Sessions

Session 01: Plant Science and Natural Products

Session 02: Plant & Agricultural Biotechnology

Session 03: Digital Agriculture, Agricultural Business & Economics

Session 04: Agriculture and Environment & Food Security

Session 05: Dairy, Poultry and Livestock Farming

Session 06: Climate Smart Agriculture

Session 07: Plant Pathology and Mycology

Session Chairperson

Dr. Florence Bukky Aina, University of Fort Hare, South Africa

Dr. Dongkai Q, Asia Pacific University of Technology & Innovation, Malaysia

12:40-13:10

Dr. Anand Kumar, GLA University, India

Presentation Title: Unraveling the Genetic Basis of Salinity Tolerance in Wheat (*Triticum aestivum* L.) through Comprehensive Meta-QTL Analysis

13:10-13:40

Dr. Dongkai Q, Asia Pacific University of Technology & Innovation, Malaysia

Presentation Title: Reasoning-Centric Framework for Open Set Wild Plant Recognition

13:40-14:10

Dr. Florence Bukky Aina, University of Fort Hare, South Africa

Presentation Title: Medicinal Plants as Biopesticides Against Pests and Diseases of Maize (*Zea mays* L.) in Africa: Ethnobotanical Insights and Challenges

14:10-14:40

Dr. Lebogang Jane Msiza, Tshwane University of Technology, South Africa

Presentation Title: Symbiotic performance of soybean and cowpea inoculated with native rhizobial isolates in the glasshouse

Refreshment Break

14:40-15:00

Poster Presentation (15:00-16:00)

P001

Dr. Manuel Chacón-Fuentes, Agriaquaculture Nutritional Genomic Center, Chile

Presentation Title: Volatile Profile Characterization of *Aristotelia chilensis* (Maqui) Flowers from a Domesticated Genotype

P002

Dr. Imtiaz Ahmad, Northeast Normal University, China

Presentation Title: Spatiotemporal Mapping of Urban Flood Susceptibility: A Multi-Criteria GIS-Based Assessment in Nangarhar, Afghanistan

P003

Dr. Bouramdane Abderraouf, University of kasdi Merbah Ouargla, Algeria

Presentation Title: Experimental performance comparison of fixed and single-axis subfields in a large-scale outdoor photovoltaic power plant

P004

Dr. Muhammad Adeel Razzaq, University of Agriculture, Faisalabad, Pakistan

Presentation Title: Multimodal bioactivities and COX-2 targeted anti-inflammatory mechanism of enzyme-assisted ultrasonic extracted capsicum and zingiber oleoresins: An integrated computational and experimental study

P005

Dr. Leta Dereje Wilessa, Haramaya Institute of Technology, Ethiopia

Presentation Title: Review of Graphene Oxide-Improved Thin-Film Nanocomposite Membranes for Desalination of Saline Water

Plenary Speaker Session 2

16:00-16:30

Dr. Ghadah Al-Khalidi, Researcher at the Ministry of Environment Water and Agriculture, Saudi Arabia

Presentation Title: Evaluation of Socioeconomic and agricultural factors impact on Land Uses in Alahsa region in Saudi Arabia

16:30-17:00

Dr. Miguel Tueros, National Institute of Agricultural Innovation, Peru

Presentation Title: Varietal Identification and Yield Estimation in Potatoes Using UAV RGB Imagery in the Southern Highlands of Peru

17:00-17:30

Dr. Asmae Azzouzi, Hassan II Institute of Agronomy and Veterinary Medicine, Morocco

Presentation Title: Identification and Biological Control of Fungal Pathogens Associated with Cactus Pear Diseases in Morocco

17:30-18:00

Dr. Joy Jesumeda OLADIMEJI, International Institute of Tropical Agriculture, Liberia

Presentation Title: Accelerating Taro (*Colocasia esculenta*) Improvement: Overcoming Acridity, Disease, and Reproductive Barriers via Global Research Synergies

18:00-18:30

Dr. Sai Teja Erukude, Kansas State University, USA

Presentation Title: CornViT: A Multi-Stage Convolutional Vision Transformer Framework for Hierarchical Corn Kernel Analysis

18:30-19:00

Dr. Cherif Rezzoug, University of Tahri Mohamed Bechar, Algeria

Presentation Title: Assessing the Public Health Implications of Treated Wastewater Reuse for Agricultural Irrigation in Hyper-Arid Environments

19:00-19:30

Dr. Tayyaba Afzal, The Islamia University of Bahawalpur, Pakistan.

Presentation Title: First Report of Leaf Spot of *Spinacia oleracea* Caused by *Alternaria burnsii*: Aerobiological Implications and Enzymatic Virulence Factor

Day 02

Time Zone: GMT+1, London, UK (Hybrid Event)

June 23, 2026

10:00 AM

Opening Ceremony

10:00-10:10 AM

Keynote Speaker Session

Presentation Time:

10:10-10:40

Dr. Fiorella Iaquina, University of the Republic, Uruguay (South America)

Presentation Title: Sustainable characterization of compost macro and micronutrients using EDXRF

10:40-11:10

Dr. Ayesha Imtiaz, Baqai Medical University, Pakistan

Presentation Title: Evaluation of antibacterial efficiency of *Trapa natans* modified glass ionomer cement: An in vitro study

11:10-11:40

Dr. Felix Owusu, University of Ghana, Ghana

Presentation Title: Collective action for sustainable groundwater governance: A case study of irrigation groundwater management in the fragile ecosystem of the Keta Strip, Ghana

11:40-12:10

Dr. Musa Decius Saffa, Njala University, Libia

Presentation Title: Detection of Cassava Mosaic Disease and Assessment of Selected Agronomic Traits of Cassava (*Manihot esculenta*)

Plenary Speaker Session

Scientific Sessions

Session 01: Plant Science and Natural Products

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Session 06: Climate Smart Agriculture

Session 07: Plant Pathology and Mycology

Session Chairperson

Dr. Florence Bukky Aina, University of Fort Hare, South Africa

Dr. Dongkai Q, Asia Pacific University of Technology & Innovation, Malaysia

12:10-12:40

Dr. Hiba Trabelsi, Carthage University, Tunisia

Presentation Title: Genome of *Bacillus velezensis* HT_B8 unravels endophytic strategies and biocontrol potential for grapevine sustainability

12:40-13:10

Dr. Romaric Serge Lokossou, Benin National Institute of Agricultural Research, Benin

Presentation Title: Effects of main intercropping practices on the soil biophysical parameters and cashew yield in cashew-based agroforestry systems in Benin

13:10-13:40

Dr. Romaric Serge Lokossou, Benin National Institute of Agricultural Research, Benin

Presentation Title: Effects of main intercropping practices on the soil biophysical parameters and cashew yield in cashew-based agroforestry systems in Benin

13:40-14:10

Dr. Rimsha Akhtar, A Chartered University, Pakistan

Presentation Title: Biochemical signatures shaping tissue culture success in maize inbred lines

14:10-14:40

Dr. Abid Hussain, Department of Biological Sciences Thal University Bhakkar, Pakistan

Presentation Title: Nanotechnology-Enabled Plant Stress Tolerance under Climate Change: Mechanisms, Transformations, and Sustainability Implications

14:40-15:10

Dr. Ankit Rao, The Energy and Resource Institute, India

Presentation Title: Bioelectrochemical Systems as a Sustainable Platform for Wastewater Treatment, CO₂ bioconversion, and Renewable Energy Recoverys

15:10-15:40

Dr. Kamala Jayanthi Pagadala Damodaram, Indian Institute of Horticultural Research, India

Presentation Title: Ecological Chemistry of Insect-Plant Interactions for Sustainable Pest Management

15:40-16:10

Dr. Gönül Altay, Suleyman Demirel University, Türkiye

Presentation Title: Quantum Approaches in Plant Science: Application Landscape and a Pilot Study on Evidence-Oriented Answer Selection with Quantum-Kernel NLP

16:10-16:40

Dr. Namsi Ardi, Arba Minch University, Ethiopia

Presentation Title: Impacts of Neltuma juliflora (Fabaceae) Invasion Level

16:40-17:10

Dr. Masoumeh Sadeghi-Nik, Shahid Beheshti University, Iran

Presentation Title: Characterization of Fatty Acids in Citrus Seed Oils by ^1H NMR Spectroscopy: A Qualitative Tool

Awards & Closing Ceremony

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Email: info@delightscientific.com
Phone | WhatsApp Number: +44-7451246744