

Plant Science Conference 2025



SCIENTIFIC PROGRAM

**5th International Conference on
Plant Science
and Agriculture Research**

November 21-22, 2025

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 Virtual Conference 2025 | November 21-22, 2025

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

November 21, 2025 | 10:00 AM

Opening Ceremony | 10:00-10:10 AM

Keynote Speaker Session

Presentation Time: 10:10-10:40

Dr. Benzhi Zhou, Research Institute of Subtropical Forestry, Chinese Academy of Forestry, China
Presentation Title: Distribution and biomechanics of rhizome-root system of Moso bamboo and Lei bamboo

10:40-11:10

Dr. Vladimir TODIRAŞ, Institute of Genetics, State University of Moldova, Republic of Moldova
Presentation Title: Optimization of Pesticide Components and Application Strategies through Multicriteria Analysis

11:10-11:40

Dr. Isabela Tapia Jaramillo, Jocotoco Conservation Foundation, Charles Darwin Avenue, Ecuador
Presentation Title: First Recorded Evidence of Invasive Rodent Predation on a Critically Endangered Galápagos Petrel Nestling

11:40-12:10

Dr. Josephine Three Reyzeke, Bandung Institute of Technology, Indonesia
Presentation Title: The Effect of Fixation Methods on Gene Expression From Single-cell RNA Sequencing In Somatic Embryogenesis Cells of Orchid (*Phalaenopsis aphrodite*)

12:10-12:40

Dr. Linda ALLALA-MESSAOUDI, ECOLE NATIONALE SUPERIEURE AGRONOMIQUE, Algeria
Presentation Title: Transmission efficiency transmission of the PVY -NTN necrotic strain on tobacco by six species of aphid vectors under controlled conditions

Plenary Speaker Session

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. Vladimir TODIRAŞ, Institute of Genetics, State University of Moldova, Republic of Moldova
Dr. Achana Niagiah, West Africa Centre for Crop Improvement (WACCI), University of Ghana, Ghana

12:40-13:10

Dr. Achana Niagiah, West Africa Centre for Crop Improvement (WACCI), University of Ghana, Ghana
Presentation Title: Variation and Multi-Trait Stability Analyses Reveal Drought Resilient Mutants in Groundnut (*Arachis hypogaea* L.)

13:10-13:40

Dr. Seongwoo Woo, Ethiopian Technical University, Addis Ababa, Ethiopia
Presentation Title: Improving the Fatigue Design of Mechanical Systems such as Refrigerator

13:40-14:10

Dr. Md. Qamrul Ahsan, Southern University Bangladesh, Bangladesh
Presentation Title: Analgesic, and Anxiolytic Effects of Crude Extracts and Isolated Bioactive Fractional Compounds from *Pouzolzia sanguinea*

14:10-14:40

Dr. Tyson Mokgalabone, University of Limpopo, South Africa
Presentation Title: Development of a wine from an indigenous African fruit, monkey orange (*Strychnos spinosa* Lam.)

Refreshment Break

14:40-15:00

15:00-15:30

Dr. Morena John Mapuru, University of KwaZulu-Natal, Westville Campus, Durban.
Presentation Title: Environmental Factors Influencing Poplar Distribution in Golden Gate Highlands National Park, South Africa

15:30-16:00

Dr. Ilham Dehbi, Department of Plant Protection, Ecole National of Agriculture Meknes, Morocco
Presentation Title: Beneficial Microorganisms as Bioprotectants against Foliar Diseases of Cereals: A Review

16:00-16:30

Dr. Ishmael Boateng, University of Health and Allied Sciences, Ghana
Presentation Title: Improving the Fatigue Design of Mechanical Systems such as Refrigerator Knowledge, Perception and Sociocultural Beliefs on Menstruation: Evidence from Adolescent High School Boys in the Volta Region, Ghana

16:30-17:00

Dr. Lakhvir Kaur Dhaliwal, Texas Tech University, USA
Presentation Title: Unravelling the genetic basis of variable fatty acid composition and its association with cold germination ability in upland cotton (*Gossypium hirsutum*)

17:00-17:30

Dr. Lucia Elisabet Brellis, Instituto de Ciencia y Tecnología de los Alimentos de Entre Ríos, Argentina
Presentation Title: Geographical Differentiation of Honeys from Entre Ríos (Argentina) through Physicochemical Analysis: A Scientific Approach for the Characterization and Authentication of Regional Honeys

17:30-18:00

Dr. Brianda Susana Velazquez de Lucio, Instituto Tecnológico Superior del Oriente del Estado, Mexico
Presentation Title: The Implementation of Response Surface Methodology and Artificial Neural Networks to Find the Best Germination Conditions for *Lycopersicon esculentum* Based on Its Phenological Development in a Greenhouse

18:00-18:30

Dr. Lipon Das, School of Mathematics, Shandong University, China
Presentation Title: Optimization of Data-Driven Soil Temperature Forecast The First Model in Bangladesh

Poster Presentation (18:30-19:00)

P001

Dr. Alfrasa Mulatu, Addis Ababa University, Ethiopia

Presentation Title: Biodiversity of the Genus Trichoderma in the Rhizosphere of Coffee (*Coffea arabica*) Plants in Ethiopia and Their Potential Use in Biocontrol of Coffee Wilt Disease

P002

Dr. Raul S Lavado, Medical Oncology, Università Politecnica delle Marche, Italy

Presentation Title: Universidad de Buenos Aires and Instituto de Investigaciones en Biociencias Agrícolas y Ambientales—INBA (CONICET/UBA), Argentina

End Of Session

Awards & Closing Ceremony

Delight Scientific Conferences
Office 1353 182-184 High Street North,
East Ham, London E6 2JA, UK
Email: info@delightscientific.com
Phone | WhatsApp Number: +44-7451246744