

11th Edition of Global Conference on
Plant Science and
Molecular Biology
&
6th Edition of Global Conference on
Agriculture and Horticulture



September 14-16, 2026

Rome, Italy

IN-PERSON:

NH Villa Carpegna

Via Pio IV, 6, 00165 Roma RM, Italy

VIRTUAL:

Central European Summer Time (CEST)

**MONDAY
SEPTEMBER 14
2026**

DAY 01 | In-Person @Leonardo A

08:00-08:50	Registrations
08:50-09:00	Opening Ceremony and Introduction
09:00-11:00	Keynote Sessions
11:00-11:30	Coffee Break
11:30-12:50	Keynote Sessions
12:50-14:00	Lunch Break
14:00-16:20	Oral Sessions
16:20-16:50	Coffee Break
16:20-17:30	Poster Sessions

**TUESDAY
SEPTEMBER 15
2026**

DAY 02 | In-Person @Leonardo A

08:50-09:00	Opening Remarks
09:00-11:00	Keynote Sessions
11:00-11:30	Coffee Break
11:30-12:50	Keynote Sessions
12:50-14:00	Lunch Break
14:00-16:00	Oral Sessions
16:00-16:30	Coffee Break
16:30-17:30	Oral Sessions

**WEDNESDAY
SEPTEMBER 16
2026**

DAY 03 | VIRTUAL ROOM 01 @ZOOM MEETINGS

08:30-09:00	AV Check
09:00-13:40	Keynote Sessions
13:40-13:50	Poster Session
13:50-19:50	Oral Sessions
19:50-21:50	Keynote Sessions

DAY 03 | VIRTUAL ROOM 02 @ZOOM MEETINGS

08:30-09:00	AV Check
09:00-13:00	Keynote Sessions
13:00-16:00	Oral Sessions
16:00-19:20	Keynote Sessions

Important Note

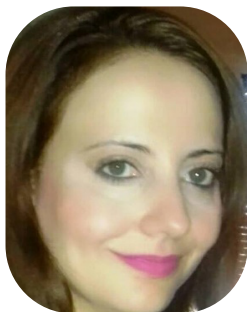
The conference follows Central European Summer Time (CEST) for both In-Person and Virtual sessions.

When the program refers to Local Timings, it means the time mentioned is in the time zone of the presenter's country.

In-Person presentations will take place in the **Leonardo A Meeting Hall @NH Villa Carpegna** and **virtual presentations** will take place via **Zoom Meetings**.

Please remain available in the hall or on Zoom throughout the day, as minor program adjustments may occur due to technical issues or presenter no-shows.

Keynote Speakers



Alexandra D Solomou

Hellenic Agricultural Organization – Dimitra,
Institute of Mediterranean Forest Ecosystems
(IMFE), Greece



Ashanendu Mandal

Oil and Natural Gas Corporation (ONGC),
India



Costantino Paciolla

University of Bari Aldo Moro, Italy



Dachang Zhang

Water & Eco Crisis Foundation, United States



Edgar Omar Rueda Puente

Universidad de Sonora, Mexico



Enrico Paris

CREA-IT, Council for Agricultural Research
and Analysis of Agricultural Economics, Italy



Fabio Gresta

University of Messina, Italy



J C Tarafdar

ICAR-Central Arid Zone Research Institute,
India



Jeremy Sweet

JTEC Ltd, United Kingdom



Jorge A Zavala

University of Buenos Aires, Argentina



**Kasiviswanathan
Muthukumarappan**

South Dakota State University, United States



KR Aneja

Kurukshetra University, India



Leonid Troshin

Kuban State Agrarian University, Russian
Federation



**Madhusudan Hiranman
Fulekar**

Parul University, India



Nedyalka Valcheva

Vocational High School, Bulgaria



Rajnish Khanna

Stanford University & i-Cultiver, United States

Keynote Speakers



**Sadygova Madina
Karipullovna**

Vavilov University, Russian Federation



Stefania Toscano

University of Messina, Italy



Usha R Palaniswamy

Maria College, United States



V P S Arora

Venkateshwara Group of Institutions,
India



**Vashchenko Viktor
Fedorovich**

Yelets State University, Russian Federation



Vasudeva Singh

CSIR - Central Food Technological Research
Institute (CFTRI), India



Vijayan Gurumurthy Iyer

Techno-Economic-Environmental Study
and Check Consultancy Services, India



Yarub Al Douri

European Academy of Sciences, Belgium



Yasin Ozdemir

Ataturk Horticultural Central Research
Institute, Turkey

Day 01 @Leonardo A

September 14, Monday

Zoom Meeting: <https://us06web.zoom.us/j/81946466087?pwd=KbphjNasCwojFisUatwrXuAl8lDDOu.1>

CENTRAL EUROPEAN SUMMER TIME (CEST)

08:00-08:50	Registrations
08:50-09:00	Opening Ceremony and Introduction

Moderator:

Giuseppe Mannino, University of Turin, Italy

Chairs:

Rajnish Khanna, Stanford University & i-Cultiver, United States

Enrico Paris, CREA-IT, Council for Agricultural Research and Analysis of Agricultural Economics, Italy

Usha R Palaniswamy, Maria College, United States

09:00-09:40

Keynote Session

Rajnish Khanna, Stanford University & i-Cultiver, United States

Title: Beyond yield: Redefining plant science for human and planetary health

09:40-10:20

Keynote Session

Usha R Palaniswamy, Maria College, United States

Title: Teaching food and nutrition security as a critical concern in higher education capstone

10:20-11:00

Keynote Session

Fabio Gresta, University of Messina, Italy

Title: Agroecological practices and their effects on ecosystem services in sustainable Mediterranean cropping systems

11:00-11:30

Coffee Break @Foyer | Group Photo

11:30-12:10

Keynote Session

Enrico Paris, CREA-IT, Council for Agricultural Research and Analysis of Agricultural Economics, Italy

Title: Production and characterization of hemp fiber-derived biochar for agricultural applications

12:10-12:50

Keynote Session

Stefania Toscano, University of Messina, Italy

Title: Innovative tools for enhancing stress resilience in Mediterranean horticulture

12:50-14:00

Lunch Break @Restaurant

14:00-14:20

Oral Session

Stephen Jennewein, UF/IFAS Extension Duval County, United States

Title: Improving food system awareness with agritourism: The Tour de Farm in Duval County, Florida

14:20-14:40

Oral Session

Eva Kunnemann, Freelancer, Switzerland

Title: Visible and invisible: The multi-faceted benefits of plants to humanity

14:40-15:00

Oral Session

Giuseppe Mannino, University of Turin, Italy

Title: The future of plant biostimulants: Are we ready to move beyond the hype?

15:00-15:40

Oral Session

Biswajyoti Sarkar, Sister Nivedita University, India

Title: Effect of human-consumed green and black tea decoctions on murine haematopoietic stem cells – A nutraceutical approach

15:40-16:00

Oral Session

Phatu William Mashela, University of Limpopo, South Africa

Title: Residual bacteria in cucurbitacin-containing phytonematicides: Molecular identification, performance mechanisms and sustainability

16:00-16:20

Oral Session

Ayanda Ngcobo, University of Limpopo, South Africa

Title: The influence of three winter cover crops on nematode biodiversity and soil health

16:20-16:50

Coffee Break @Foyer

PP1

Poster Sessions (16:20-17:30)

Jason A Hedrick, The Ohio State University, United States

Title: Utilizing extension services to broaden the impact of research in communities

PP2

Dilip Nandwani, Tennessee State University, United States

Title: Integrating winter cover crops to enhance soil organic matter, weed suppression, and nutrient cycling in organic management systems

PP3

Joanna Horoszkiewicz, Institute of Plant Protection - National Research Institute, PolandTitle: Biocontrol of *Fusarium* and other fungal diseases of cereals using bacterial compounds and plant extracts

PP4

Ernest Skowron, Jan Kochanowski University of Kielce, Poland
Magdalena Trojak, Jan Kochanowski University of Kielce, Poland

Title: A novel functional stay-green barley cultivar reveals genotype-specific cytokinin dependence during leaf senescence

PP5

Tytus Berbec, Institute of Soil Science and Plant Cultivation - State Research Institute, Poland

Title: Assessment of spraying effectiveness using heavy-duty agricultural UAVs in high-growing crops-spray deposition and canopy coverage efficiency

PP6

Franco Paolinelli, SAP – Silvicultura Agroicultura Paesaggio (NGO), Italy

Title: Roman urban wood an opportunity

PP7

Iván Javier Pastrana Vargas, University of Córdoba, Colombia

Title: Genetic parameters, path analysis, and morphometrics of floral, fruit, and seed traits for the conservation and breeding of *Lagenaria siceraria* (Molina) Standl. in the Colombian Caribbean

PP8

Paula A. Arguello-Quevedo, Universidad Nacional de Colombia, Colombia

Title: Contribution to the chemical and biological standardization of a *Piper aduncum* L. extract for the management of gulupa (*Passiflora edulis f. edulis*) phytopathogens

PP9

Ileana Barrera-Montero, Universidad Nacional de Colombia, Colombia

Title: Antimicrobial potential of *Solanum psychotrioides* Dunal from Chocó against *Staphylococcus aureus* and *Staphylococcus epidermidis*

PP10

Mariana Segura-Rojas, Universidad Nacional de Colombia, Colombia

Title: Antifungal potential of *Piper* species for the control of *Trichophyton rubrum* associated with dermatophytosis

PP11

Juliet Angélica Prieto Rodríguez, Pontificia Universidad Javeriana, Colombia

Title: Antifungal potential of *Piper* essential oils against *Fusarium triseptatum* associated with Gulupa crops

PP12

Javier Andrés Matulevich Pelaez, Universidad Nacional de Colombia, Colombia

Title: Screening antifungal potential in the genus *Piper*: Analytic Hierarchy Process (AHP) selection and phytochemical profiling of active fractions in *Piper lanceifolium*

PP13

Luisa María Bravo Herrera, Pontificia Universidad Javeriana, Colombia

Title: Beyond *Fusarium oxysporum*: Multilocus phylogeny reveals hidden *Fusarium* diversity in cultivated *Passiflora* species in Colombia

PP14

Yohum Steven Lozada Diaz, Pontificia Universidad Javeriana, Colombia

Title: Exploring introduced plant species from Chocó as sources of anti-inflammatory agents for skin applications

PP15

Lida V. Hernández-Moreno, Universidad de La Salle, Colombia

Title: Phytochemical screening and antioxidant capacity of 48 plants from the chocó department, colombia: A correlative study between bioactive compounds and radical scavenging activity

PP16

Penelope Sotiriou, National and Kapodistrian University of Athens, Greece

Title: Insights into cell wall architecture of developing nettle bast fibers through immunohistochemical analysis

PP17

William Fernando Castrillón Cardona, Universidad Distrital Francisco José de Caldas, Colombia

Title: Insecticidal potential of páramo species against the whitefly (*Bemisia tabaci*) associated with bean crops

PP18

Consuelo Lima Navarro de Andrade, State University of Feira de Santana (UEFS), Brazil

Title: Cultivating green wisdom: Urban horticulture techniques for home vegetable cultivation in small spaces for older adults

Day 02 @Leonardo A

September 15, Tuesday

Zoom Meeting: <https://us06web.zoom.us/j/81946466087?pwd=KbphjNasCwojFisUatwrXuAI8IDDOu.1>

CENTRAL EUROPEAN SUMMER TIME (CEST)

08:50–09:00 Opening Remarks

Moderator:
Gulara Huseynzade, Bologna University, Italy

Chairs:
Costantino Paciolla, University of Bari Aldo Moro, Italy
Usha R Palaniswamy, Maria College, United States

09:00–09:40

Keynote Session

Kasiviswanathan Muthukumarappan, South Dakota State University, United States

Title: Current status of precision agriculture in the USA

09:40–10:20

Keynote Session

Richard P Dick, Ohio State University, United States

Title: A novel plant–nifH gene microbial alliance in aerial roots of Mexican maize landraces significantly reduces nitrogen fertilizer

10:20–11:00

Keynote Session

Costantino Paciolla, University of Bari Aldo Moro, Italy

Title: Modulating plant physiology via LED lighting

11:00–11:30

Coffee Break @Foyer

11:30–12:10

Keynote Session

Usha R Palaniswamy, Maria College, United States

Title: Future foods: Traditions, trends and enabling technologies for impact

12:10–12:50

Keynote Session

Enrico Paris, CREA-IT, Council for Agricultural Research and Analysis of Agricultural Economics, Italy

Title: Markers of PM produced by biomass combustion and development of a sampling and analysis technique

12:50–14:00

Lunch Break @Restaurant

14:00–14:20

Oral Session

Rachel Amir, Tel Hai University, Israel

Title: Elevated methionine improves the nutritional quality of seeds and alters epigenetic landscapes in *Arabidopsis*

14:20–14:40

Oral Session

Lisa Huybrechts, Harvestis, Belgium

Title: The use of CHP condensate water in greenhouse cultivation

14:40–15:00

Oral Session

Gulara Huseynzade, Bologna University, Italy

Title: Sustainable use of siderophore-producing rhizobacteria to enhance iron nutrition, chlorophyll stability, and stress tolerance in tomato plants

15:00–15:20

Oral Session

Faizrahman Rahmani, Kabul University, Afghanistan

Title: Effects of feeding pomegranate peel silage on feed intake and growth performance of Turkey bred sheep

15:20–15:40

Oral Session

Kgabo Martha Pofu, University of Limpopo, South Africa

Title: Responses of nightshade (*Solanum retroflexum*) to planting density and irrigation interval under the IDIS water-saving system for smallholder production systems

15:40–16:00

Oral Session

Adoration Rirhandzu Shubane, University of Limpopo, South Africa

Title: Influence of crop rotation and soil temperature on the trophic levels of nematodes and population densities of *Heterodera carotae* in a highveld carrot producing region of South Africa

16:00–16:30

Coffee Break @Foyer

16:30-16:50

Oral Session

Luis Sebastián Becerra Camargo, Universidad Nacional de Colombia, ColombiaTitle: Flavonoids from *Piper longicaudatum* as antifungal agents against *Passiflora* phytopathogens

16:50-17:10

Oral Session

Andrés Germán Sierra Quitian, Universidad Nacional de Colombia, Colombia

Title: Antimicrobial potential of Colombian plants for the control of microorganisms associated with skin infections

17:10-17:30

Oral Session

Laura Katherine Rodriguez Sanchez, Universidad Nacional de Colombia, ColombiaTitle: Leaf anatomy and histochemistry of *Piper* species from the Colombian Andes

End of Day 2

Day 3 @Room 01 Zoom Meeting

September 16, Wednesday

Zoom Meeting: <https://us06web.zoom.us/j/81946466087?pwd=KbphjNasCwojFisUatwrXuAl8lDDOu.1>

Central European Summer Time (CEST)

08:30–09:00

AV Check

Moderator: Amrita Sharma, GRDU, India

CENTRAL EUROPEAN
SUMMER TIME (CEST)

PRESENTER'S LOCAL
COUNTRY TIME

09:00–09:40

12:30–13:10

Keynote Session

Madhusudan Hiranman Fulekar, Parul University, India
Ashita Rai, Parul University, India

Title: Climate change greenhouse gas (CO₂) impact - Agriculture crop production: Quality improvement

09:40–10:20

13:10–13:50

Keynote Session

V P S Arora, Kumaun University, India

Title: Advances in Indian agriculture and horticulture

10:20–11:00

13:50–14:30

Keynote Session

Vijayan Gurumurthy Iyer, Techno-Economic-Environmental Study and Check Consultancy Services, India

Title: Seed-cotton (or kapas) agricultural pollution and environmental health impact assessment

11:00–11:40

14:30–15:10

Keynote Session

Vasudeva Singh, CSIR - Central Food Technological Research Institute (CFTRI), India

Title: Bio-fortification and processing of grains in general and rice processing in specific

11:40–12:20

12:40–13:20

Keynote Session

Yasin Ozdemir, Ataturk Horticultural Central Research Institute, Turkey

Title: A conceptual product development approach for functional şehriye (a traditional Turkish small pasta product): Prebiotic, high-protein, high-fibre and gluten-free alternatives

12:20–13:00

15:50–16:30

Keynote Session

Krishan Kant Tyagi, Indian Council of Agricultural Research – Indian Agricultural Statistics Research Institute, India

Title: Adequacy of the sample sizes at different stages of sampling for estimation of area, yield and production of food grain crops in India

CENTRAL EUROPEAN
SUMMER TIME (CEST)PRESENTER'S LOCAL
COUNTRY TIME

13:00–13:40

16:30–17:10

Keynote Session

Ravi Pandiselvam, Indian Agricultural Research Institute, India

Title: Innovations in post-harvest equipment for coconut processing: Advances in mechanization, value addition, and sustainable agro-industrial applications

13:40–13:50

17:10–17:20

Poster Session

Sukirti, ICFRE – Forest Research Institute, India

Title: Facilitative root associations of endemic *Indopiptadenia oudhensis* (Brandis) Brenan: Implications for biodiversity restoration and forest ecosystem services in central Himalayan riverine forest

13:50–14:10

19:50–20:10

Oral Session

Bob Du, Murdoch University, Australia

Title: A novel approach for fungal control with ethyl formate in barley and its impact on germination

14:10–14:30

20:10–20:30

Oral Session

Bing Cao, Ningxia University, China

Title: Effects of simulated elevated CO₂ concentration and atmospheric temperature on quality formation of *Lycium barbarum* fruits

14:30–14:50

20:30–20:50

Oral Session

Xien Zhou, South China Agricultural University, China

Title: Effects of soil moisture and leaf diurnal rhythms on pesticide droplet absorption and utilization efficiency

14:50–15:10

20:50–21:10

Oral Session

Tan Suat Cheng, Universiti Sains Malaysia, Malaysia

Title: Role of natural plant derived-baicalein on neurogenesis and brain remodelling in endothelin-1 ischemic stroke model

15:10–15:30

21:10–21:30

Oral Session

Myagmarsuren Purevdorj, Research Institute of Animal Husbandry, Mongolia

Title: Effects of Australian Merino introgression on wool quality traits of Orkhon wool sheep breed

CENTRAL EUROPEAN
SUMMER TIME (CEST)PRESENTER'S LOCAL
COUNTRY TIME

15:30-15:50

19:00-19:20

Oral Session

D J Patel, Anand Agricultural University, India

Title: Nematode management in vegetables through biopriming

15:50-16:10

19:20-19:40

Oral Session

Senaka Lalith Dharmasri Amarathunga, Uva Wellassa University, Sri Lanka

Title: Revitalizing indigenous technical knowledge: A pathway to climate resilience

16:10-16:50

19:40-20:20

Oral Session

Subhas Chandra Datta, Visva-Bharati University, India

Title: Agriculture and horticulture enrich biomedicine in highdiluted forms, preventing plant pathogens

16:50-17:10

20:20-20:40

Oral Session

Sukirti, ICFRE – Forest Research Institute, IndiaTitle: Deciphering stand structure and conservation pathways for the habitat restoration of *Indopiptadenia oudensis*, an endangered species, endemic to the Terai-Bhabhar ecotone

17:10-17:30

20:10-20:30

Oral Session

Ghulam Zakir Hassan, Irrigation Research Institute, Pakistan

Title: Managed Aquifer Recharge (MAR) – An option for sustainable irrigated agriculture in Punjab Pakistan

17:30-17:50

17:30-17:50

Oral Session

Sixelise Manciya, Mangosuthu University of Technology, South Africa

Title: Assessing the competence of extension officers on equipping banana farmers and perception to adapt to climate change: A case study of KwaZulu-Natal and Eastern Cape provinces smallholder farmers

17:50-18:10

21:50-22:10

Oral Session

S M Rajiur Rahman, WB Group – Eco-Security/SSIL, Bangladesh

Title: Climate-resilient small ruminant production from pasture lands: Challenges and opportunities for sustainable family farming in Bangladesh

CENTRAL EUROPEAN
SUMMER TIME (CEST)PRESENTER'S LOCAL
COUNTRY TIME

18:10-18:30

17:10-17:30

Oral Session

Kuku Adewale Alexander, Federal University of Agriculture Abeokuta, Nigeria

Title: Effects of post-harvest losses on food security status of tomato value chain actors in Kano and Kaduna States, Nigeria

18:30-18:50

17:30-17:50

Oral Session

Ifede Olla Aures Parfait Tchiche, University of Parakou, Benin

Title: Integrated water and nutrient management in tropical rainfed agroecosystems: A systematic review of yield responses and resource use efficiency

18:50-19:10

17:50-18:10

Oral Session

Ana Isabel Cordeiro, Polytechnic Institute of Portalegre, Portugal

Title: Biomass and seed yield of industrial hemp varieties under Mediterranean conditions

19:10-19:30

19:10-19:30

Oral Session

Betty Sehlola, North-West University, South Africa

Title: Determinants of agro processing participation and their influence on smallholder farmers' resilience in Limpopo Province, South Africa

19:30-19:50

20:30-20:50

Oral Session

Bayan Yousef Al Tarifi, Philadelphia University, Jordan

Title: Effect of astaxanthin in rich cookies on anti-ageing process associated with expression of the FOXO3 gene in vivo

19:50-20:30

20:50-21:30

Keynote Session

Nedyalka Valcheva, Vocational High School, Bulgaria

Title: Characterization of isolated strains of microorganisms from mineral, mountain and spring waters from France, Italy, England, South Korea, Japan, Netherlands, Austria, Spain, Singapore, Germany, Switzerland, Greece, Turkey, Dubai and Bulgaria

20:30-21:10

22:30-23:10

Keynote Session

Sadygova Madina Karipullovna, Vavilov University, Russian Federation

Title: End-to-end agro-food technologies based on raw materials bred in Saratov

CENTRAL EUROPEAN
SUMMER TIME (CEST)PRESENTER'S LOCAL
COUNTRY TIME

21:10-21:50

12:10-12:50

Keynote Session

Dachang Zhang, Water & Eco Crisis Foundation, United States

Title: Suitaiology: A strategic science for reframing agricultural risks under climate extremes — From water-use efficiency to water-situation wisdom

Day 3 @Room 02 Zoom Meeting

September 16, Wednesday

Zoom Meeting: <https://us06web.zoom.us/j/82238180191?pwd=MjehWquPW6GaNnsBmhaUfuL2r6c6RQ.1>

Central European Summer Time (CEST)

08:30–09:00

AV Check

Moderator:

Teja Sri Vengala, Rare Earth Genomics, United States

Chairs:

Jorge A Zavala, University of Buenos Aires, Argentina

CENTRAL EUROPEAN
SUMMER TIME (CEST)

PRESENTER'S LOCAL
COUNTRY TIME

09:00–09:40

12:30–13:10

Keynote Session

J C Tarafdar, ICAR-Central Arid Zone Research Institute, India

Title: Biogenic nanoparticles: Future for crop production

09:40–10:20

13:10–13:50

Keynote Session

KR Aneja, Kurukshetra University, India

Title: Fungal diversity: Biotechnological exploitation in sustainable agriculture

10:20–11:00

11:20–12:00

Keynote Session

Leonid Troshin, Kuban State Agrarian University, Russian Federation

Title: A look into the new era of viticulture

11:00–11:40

12:00–12:40

Keynote Session

Vashchenko Viktor Fedorovich, Yelets State University, Russian Federation

Title: Adaptive organogenesis and compensatory yield structure

11:40–12:20

15:10–15:50

Keynote Session

Vijayan Gurumurthy Iyer, Techno-Economic-Environmental Study and Check Consultancy Services, India

Title: Importance of total quality management in plant science and molecular biology

12:20–13:00

15:50–16:30

Keynote Session

Ashanendu Mandal, Oil and Natural Gas Corporation (ONGC), India

Title: Application of solid waste materials for adsorptive removal of toxic phenol from wastewater to protect the environment and generate a circular economy

CENTRAL EUROPEAN
SUMMER TIME (CEST)PRESENTER'S LOCAL
COUNTRY TIME

13:00-13:20

16:30-16:50

Oral Session

D J Patel, Anand Agricultural University, India

Title: Soil solarization – An effective method for economic management of root-knot nematodes in crop nursery

13:20-13:40

19:20-19:40

Oral Session

Shukai Fan, China Agricultural University, China

Title: Integrated single-cell transcriptomics, cis-element profiling, and quantitative functional assays for mining maize bundle sheath cell-specific promoters

13:40-14:00

19:40-20:00

Oral Session

Shen Fanyi, Beijing Forestry University, China

Title: Drought-induced cavitation event in xylem

14:00-14:20

17:30-17:50

Oral Session

Senaka Lalith Dharmasri Amarathunga, Uva Wellassa University, Sri Lanka

Title: Empowering next-gen women in agriculture: Strategies for sustainable transformation in India through the 5E's framework

14:20-14:40

17:50-18:10

Oral Session

Abhishek Bansal, New Era Consultancy Services, India

Title: Plant-derived bioactive compounds, multi-omics integration, and polypharmacology: A B-PhytoPharma and B-Bioinformatics framework

14:40-15:00

17:40-18:00

Oral Session

Kurbonali Partoev, National Academy of Sciences of Tajikistan, Tajikistan

Title: The role of breeding in the creation and conservation of agrobiodiversity with climate change in Tajikistan

15:00-15:20

18:00-18:20

Oral Session

Kurbonali Partoev, National Academy of Sciences of Tajikistan, Tajikistan

Title: The role of breeding in the mountainous area of Tajikistan to improve food security and human health in the face of climate change

CENTRAL EUROPEAN
SUMMER TIME (CEST)PRESENTER'S LOCAL
COUNTRY TIME

15:20-15:40

15:20-15:40

Oral Session

Zenzile Peter Khetsha, Central University of Technology, South Africa

Title: Using yield and yield parameters to predict the essential oil biosynthesis of hydroponically grown rose geranium: Exploratory study

15:40-16:00

08:40-09:00

Oral Session

Teja Sri Vengala, Rare Earth Genomics, United States

Title: Inducing potential mutants in industrial hemp (*Cannabis sativa* L.) via chemical mutagenesis

16:00-16:40

16:00-16:40

Keynote Session

Yarub Al Douri, European Academy of Sciences, Belgium

Title: Characterization of nano-water molecule

16:40-17:20

15:40-16:20

Keynote Session

Jeremy Sweet, JTEC Ltd, United Kingdom

Title: Applications of RNA interference for crop protection

17:20-18:00

18:20-19:00

Keynote Session

Alexandra D Solomou, Hellenic Agricultural Organization – Dimitra, Institute of Mediterranean Forest Ecosystems (IMFE), Greece

Title: Monitoring, threats and conservation strategies for plant biodiversity in Greek forest ecosystems

18:00-18:40

13:00-13:40

Keynote Session

Jorge A Zavala, University of Buenos Aires, Argentina

Title: Systemic defenses of soybean seeds within the plant and pods: The role of protease inhibitors against *Nezara viridula* (Hemiptera: Pentatomidae)

18:40-19:20

09:40-10:20

Keynote Session

Edgar Omar Rueda Puente, Universidad de Sonora, Mexico

Title: Agronomic engineering and human nutrition: The rise of functional medicine in global food sovereignty

End Note

WE WISH TO MEET YOU AGAIN AT OUR UPCOMING EVENTS

12th Edition of Global Conference on
Plant Science and Molecular Biology

September 2027 | Valencia, Spain | Hybrid Event

<https://plant-science-biology-conferences.magnusgroup.org>

7th Edition of Global Conference on
Agriculture and Horticulture

September 2027 | Valencia, Spain | Hybrid Event

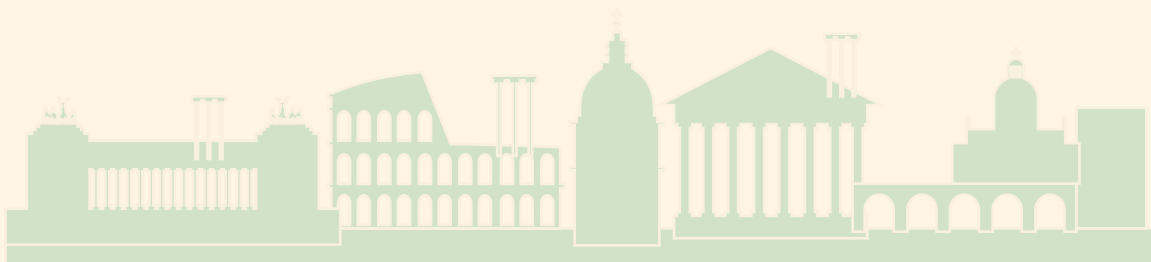
<https://agri-conferences.com/>

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• Zoom Links • Updates

ROME ITALY



Questions? Contact

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E-mail: secretary2019@magnusconference.com