

**FINAL  
PROGRAM**

**MARCH 24-26**

**6<sup>TH</sup> EDITION OF  
GLOBAL CONGRESS ON**

# **PLANT BIOLOGY AND BIOTECHNOLOGY**



**VIRTUAL EVENT**

**Contact us:**

Ph: +1 (702) 988-2320

Email: [plant-biology@magnusconference.com](mailto:plant-biology@magnusconference.com)

Website: <https://plantbiologyconference.com/>

@GPBCongress

# DAY 01

## THURSDAY, MARCH 24

**Moderator** - Sunita Chandel, Dr. Y.S.P University of Horticulture And Forestry, India

### KEYNOTE PRESENTATIONS

GMT Timings	Local Timings	
09:30-10:00		<b>AV Check</b>
10:00-10:10		<b>Introduction</b>
10:10-10:50	11:10-11:50	<b>Manuel Tornel Martinez, IMIDA &amp; ITUM, Spain</b> Title: Embryo rescue in mediterranean table grapes
10:50-11:30	11:50-12:30	<b>Danijela Poljuha, Institute of Agriculture and Tourism, Croatia (Hrvatska)</b> Title: Alien invasive plants as food and phytopharmaceuticals
11:30-12:10	09:00-09:40	<b>Samir C Debnath, St. Johns Research And Development Centre, Canada</b> Title: Epigenetics and in vitro propagation of horticultural crop

### ORAL PRESENTATIONS

12:10-12:30	20:10-20:30	<b>Qingfeng Song, Center for Excellence In Molecular Plant Sciences, Chinese Academy of Sciences, China</b> Title: Modeling and phenotyping canopy photosynthesis for higher crop yield potential
12:30-12:50	19:30-19:50	<b>Jiraporn Inthasan, Maejo University, Thailand</b> Title: Soil enzymes and microbial communities as soil quality indicators in organic and good agriculture practices under fruit orchard management in Northern Thailand
12:50-13:10	19:50-20:10	<b>Didier Lesueur, CIRAD - The Alliance CIAT &amp; Bioversity - Deakin University, Vietnam</b> Title: Importance of fast-growing Australian Acacia in Vietnam: Real opportunities for developing/formulating effective bio-inoculants for a production of healthy and vigorous seedlings
13:10-13:30	16:10-16:30	<b>Olesya Shoeva, Institute of Cytology and Genetics, Siberian Branch of the Russian Academy of Sciences, Russian Federation</b> Title: Molecular genetics control of polyphenolic compounds synthesis in barley: Revealing the genes and their functions
13:30-13:50	19:00-19:20	<b>Sunita Chandel, Dr. Y.S.P University of Horticulture And Forestry, India</b> Title: Hot water and plant extract application in eradicating seed borne and field infection of Septoria leaf spot ( <i>Septoria lycopersici</i> Speg) infecting tomato and improving seed

13:50-14:10	19:20-19:40	<b>Vijayan Gurumurthy Iyer, Arunai Engineering College, India</b> Title: Strategic environmental assessment (SEA) process for sustainable environmental plant biology and biotechnology towards sustainable biotechnological development
14:10-14:30	19:40-20:00	<b>B N Hazarika, Central Agricultural University, India</b> Title: Morpho- Physiological disorders of in vitro grown plants and their acclimatization
14:30-14:50	20:00-20:20	<b>Monika Garg, National Agri-Food Biotechnology Institute, India</b> Title: Anthocyanin biofortified, antioxidants rich colored wheat is a new research trend
14:50-15:10	17:50-18:10	<b>Vaschenko Victor, Yelets State University, Russia</b> Title: Adaptive and productive potential and hormone balance
15:10-15:30	16:10-16:30	<b>Elisa Ovidi, Tuscia University, Italy</b> Title: Biological and chemical characterization of <i>Schinus molle</i> leaf and flower extracts
15:30-15:50	12:30-12:50	<b>Carlos Pimentel, Federal Rural University of Rio De Janeiro, Brazil</b> Title: Alleviation of water deficit effects on photosynthesis by phosphate foliar fertilization
15:50-16:10	16:50-17:10	<b>Regina Ninoles Rodenes, Institute of Plant Molecular and Cell Biology, Spain</b> Title: Accumulation of kaempferol-derived flavonols dramatically impairs seed coat development and seed longevity
16:10-16:30	18:10-18:30	<b>Hagai Cohen, Agricultural Research Organization, Israel</b> Title: Differential composition of epicuticular waxes in wild and domesticated barley affects leaf physiology and plant-Herbivore interactions

## KEYNOTE PRESENTATION

16:30-17:10	11:30-12:10	<b>Benigno Villalon, Texas A &amp; M University, United States</b> Title: The science of nutritional foods for health and other wellness information about Cardiovascular diseases and Cancers
-------------	-------------	---

# DAY 02

## FRIDAY, MARCH 25

**Moderator** - Remya Mohanraj, Houston Community College, United States

### KEYNOTE PRESENTATIONS

GMT Timings	Local Timings	
10:00-10:40	23:00-23:40	<b>Sandhya Samarasinghe, Lincoln University, New Zealand</b> Title: Structural properties of the ABA signaling network defines the evolutionary success of the system
10:40-11:20	12:40-13:20	<b>Valasia Iakovoglou, UNESCO, Greece</b> Title: Save water while enhancing restoration success under the challenges of climate change
11:20-12:00	08:20-09:00	<b>Jorge Zavala, University Of Buenos Aires, Argentina</b> Title: Field-grown soybean responses to stink bugs attack

### ORAL PRESENTATIONS

12:00-12:20	19:00-19:20	<b>Tri Martini, Indonesia Agency of Agricultural Research and Development (IAARD), Indonesia</b> Title: Influence of the height of the growing place on the yield and quality of flower seeds on shallot ( <i>Allium ascalonicum</i> L.) In yogyakarta province
12:20-12:40	19:20-19:40	<b>Muhamad Yasin Hasanul Gaffar, Research Staff of ICERI, Indonesia</b> Title: Yield stability and prospect of anthocyanins corn in Indonesia
12:40-13:00	13:40-14:00	<b>Valter Henrique Marinho dos Santos, Atina - Ativos Naturais, Spain</b> Title: Antioxidant Activity and Microencapsulation of the extract enriched in fruit anthocyanins (peel and pulp) from <i>Crysophyllum cainito</i> L.
13:00-13:20	16:00-16:20	<b>Bahadir Torun, Aydin Adnan Menderes University, Turkey</b> Title: CRISPR regulation of plant microbiota : A review
13:20-13:40	09:20-09:40	<b>Remya Mohanraj, Houston Community College, United States</b> Title: Immunostimulatory Phytochemicals from Pseudo Cereals
13:40-14:00	15:40-16:00	<b>Ali Hassan Ibrahim, Port Said University, Egypt</b> Title: The changes in floss properties, seed germination and protein expression of <i>Calotropis procera</i> in response to natural and artificial fruit dehiscence
14:00-14:20	19:00-19:20	<b>Shamansur Sagdullaev, Academy of Science of Republic of Uzbekistan, Uzbekistan</b> <b>R. P. Zakirova, Acad. S.Yu. Yunusov Institute of the Chemistry of Plant Substances Academy of Sciences of the Republic of Uzbekistan, Uzbekistan</b> Title: Phytochemical studies of the flora of Central Asia, development of cell technologies for endemic species and prospects for the use of plant metabolites in agriculture

14:20-14:40	10:20-10:40	<b>Eulalia J Gomez Santiesteban, Cuban Research Institute of Sugarcane Derivatives (ICIDCA), Cuba</b> Title: Bioproducts: An alternative in Cuban agriculture
14:40-15:00	19:40-20:00	<b>Khezir Hayat Bhatti, Central Cotton Research Institute, Pakistan</b> <b>Rao Sohail Ahmad Khan, Center of Agriculture Biochemistry and Biotechnology University of Agriculture, Pakistan</b> Title: Association mapping for fiber quality in upland cotton
15:00-15:20	20:30-20:50	<b>Tamanna Bhardwaj, Guru Nanak Dev University, India</b> Title: Harnessing melatonin and plant growth promoting rhizobacteria (PGPRs) competency to mollify Cd toxicity in <i>B. juncea</i> L
15:20-15:40	20:50-21:10	<b>Chellapilla Bharadwaj, ICAR-Indian Agricultural Research Institute, India</b> Title: Prebreeding and germplasm enhancement in chickpea: A way forward for pulse sustainability

## POSTER PRESENTATIONS

15:40-15:50	16:40-16:50	<b>Bonnin Marie, University Of Corsica, France</b> Title: Polyploidy and adaptations to environmental stress: physiological, biochemical and genomic determinants of tolerance in citrus polyploid rootstocks
15:50-16:00	15:50-16:00	<b>Marouane Ben Massoud, University College Cork, Ireland</b> Title: Effect of exogenous treatment with nitric oxide (NO) on redox homeostasis in barley seedlings ( <i>Hordeum vulgare</i> L.) under copper stress

# DAY 03

## SATURDAY, MARCH 26

**Moderator** - Bonnin Marie, University Of Corsica, France

### KEYNOTE PRESENTATIONS

GMT Timings	Local Timings	
10:00-10:40	13:00-13:40	<b>Vasily Trofimovich Yarmishko, Botanical Institute Of The Russian Academy Of Sciences, Russian Federation</b> Title: Features of restoration of disturbed pine forests ( <i>Pinus sylvestris</i> L.) in the European north of Russia
10:40-11:20	12:40-13:20	<b>Stefan Gandev, Fruit Growing Institute, Bulgaria</b> Title: Modern techniques for walnut propagation - hot callus, epicotyl grafting and water nutrient solution system

### ORAL PRESENTATIONS

11:20-11:40	16:50-17:10	<b>O P Shukla, JK Paper Ltd, India</b> Title: Subabul ( <i>leucaena leucocephala</i> ) clonal forestry : A path forward for solution of fibre resource development to paper industries in India
11:40-12:00	17:10-17:30	<b>Kamini Devi, Guru Nanak Dev University, India</b> Title: The influence of Black carbon and Biostimulant: Emerging adsorbent substrates for amelioration of metal toxicity in tomato seedlings
12:00-12:20	17:30-17:50	<b>DJ Patel, Anand Agricultural University, India</b> Title: Emerging nematode problems of crops in India
12:20-12:40	17:50-18:10	<b>Pooja Singh, Amity University, India</b> Title: Comparative metagenomic analysis of fungal diversity in Argemone mexicana from different regions of Northeast India
12:40-13:00	14:40-15:00	<b>Abeer Abdelaty Ahmed Mohammed, Agriculture Research Center, Egypt</b> Title: Improving seed germination and seedling growth of maize ( <i>Zea mays</i> , L.) seed by soaking in water and moringa oleifera leaf extract
13:00-13:20	21:00-21:20	<b>Chao Shen, Guangdong University of Petrochemical Technology, China</b> Title: G. tomentosum genome and interspecific ultra-dense genetic maps reveal genomic structures and flowering depression in cotton

### KEYNOTE PRESENTATIONS

13:20-14:00	08:20-09:00	<b>Mohammad Babadoost, University Of Illinois, United States</b> Title: Phytophthora blight (Phytophthora capsici): A serious threat to pepper and cucurbit production
-------------	-------------	---

**Rueda Puente Edgar Omar, University of Sonora, Mexico**

14:00-14:40 07:00-07:40

Title: The halophyte *Salicornia bigelovii* and the interaction with plant growth promoting bacteria: A model of interaction of plant-microorganism in deserts areas

**ORAL PRESENTATIONS****Bianca Eugenia Vodnar, Iuliu Hatieganu University Of Medicine And Pharmacy, Romania**

14:40-15:00 16:40-17:00

Title: Blueberry leaves, an alternative source of polyphenolic compounds

**Aparna B Gunjal, Dr. D.Y. Patil, Arts, Commerce And Science College, India**

15:00-15:20 20:30-20:50

Title: Antioxidant and bioautography of medicinal plants *Eugenia jambolana* and *Asparagus racemosus*

**Abdul Hakkim, Kerala Agricultural University, India**

15:20-15:40 20:50-21:10

Title: Precision farming - A scientific approach for enhancing soil and crop health

**Md Noor Alam Chowdhury, Bangladesh Agricultural Research Institute, Bangladesh**

15:40-16:00 21:40-22:00

Title: Study of genetic diversity in char land chilli

**Namik Rashydov, Institute Cell Biology And Genetic Engineering Of NAS Of Ukraine, Ukraine**

16:00-16:20 18:00-18:00

Title: Evaluation of prion-like proteins synthesis of the plant under influence stress factors

**Lyudmyla Symochko, Uzhhorod National University, Ukraine**

16:20-16:40 18:20-18:40

Title: Soil microbiome and resistome in agroecosystems of medicinal plants

**THANKING NOTE AND CLOSING CEREMONY**

## UPCOMING CONFERENCES

---

7<sup>th</sup> Edition of Global Conference on  
**Plant Science and Molecular Biology**

September 01-03, 2022 | Paris, France

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

2<sup>nd</sup> Edition of Global Conference on  
**Agriculture and Horticulture**

September 01-03, 2022 | Paris, France

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

8<sup>th</sup> Edition of Global Congress on  
**Plant Biology and Biotechnology**

March 17-18, 2023 | Singapore

<https://plantbiologyconference.com/>

---

### QUERIES? CONTACT

+1 (702) 988-2320

Or

[plant-biology@magnusconference.com](mailto:plant-biology@magnusconference.com)

### REGISTER TODAY AND GET THE MEETING ID TO JOIN

<https://plantbiologyconference.com/register>