

VIRTUAL EVENT

FINAL PROGRAM



6TH EDITION OF GLOBAL CONFERENCE ON

PLANT SCIENCE AND MOLECULAR BIOLOGY

SEPT 30-OCT 01, 2021

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

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GMT Timings	Local Timings	
10:00-10:10		Opening Ceremony

Keynote Presentations

10:10-10:50	20:10-20:50	Title: Insight into the supply and demand functions of the sugarcane culm Frederik Botha , The University of Queensland, Australia
10:50-11:30	12:50-13:30	Title: Biochemistry of some relic and endemic conifers of Balkan Peninsula Biljana Nikolic , Institute of Forestry, Serbia
11:30-12:10	17:00-17:40	Title: Status, issues, prospect, and challenges of agribusiness in India V P S Arora , Sharda University, India
12:10-12:50	07:10-07:50	Title: The science of nutritional foods for health and other wellness information about Obesity and Diabetes Benigno Villalon , Texas A & M University, USA
12:50-13:30	05:50-06:30	Title: Suitology— A new water science to meet the challenges of climate change and agricultural sustainable development Dachang Zhang , Water & Eco Crisis Foundation, San Jose, California, USA

Oral Presentations

13:30-13:50	23:30-23:50	Title: Genotype and management adaptation of crops to current and future climate Karine Chenu , The University of Queensland, Australia
13:50-14:10	22:50-23:10	Title: Localized repression of two bHLH genes are involved in white margins in flowers of carnation by the absence of synthesis of anthocyanins Ayumi Deguchi , Chiba University, Japan

14:10-14:30	22:10-22:30	Title: Soil carbon, nitrogen and phosphorus stoichiometry and its influencing factors in Chinese fir plantations across subtropical China Benzhi Zhou , Chinese Academy of Forestry, China
14:30-14:50	21:30-21:50	Title: Extraction and identification of bioactive compounds from organic White Mugwort (<i>Artemisia lactiflora</i> Wall.) Nacha Udomwasinakun , Kasetsart University, Thailand
14:50-15:10	20:20-20:40	Title: Exploring novel leaf rust resistance genes in <i>Aegilops speltoides</i> and <i>Ae. variabilis</i> for imparting leaf rust resistance in bread wheat (<i>Triticum aestivum</i> L.) Niranjana Murukan , ICAR- Indian Agricultural Research Institute, India
15:10-15:30	21:10-21:30	Title: Alternate wetting and drying: A promising water saving approach to reduce methane emission without lessening yield in dry season rice Masuda Akter , Bangladesh Rice Research Institute, Bangladesh
15:30-15:50	17:30-17:50	Title: Physiology changes induced by priming in <i>Miscanthus x giganteus</i> Hana Auer Malinská , Jan Evangelista Purkyne University, Czech Republic
15:50-16:10	12:50-13:10	Title: GHG production and effects on tropical agriculture: The case of Brazil Carlos Pimentel , Federal Rural University of Rio de Janeiro, Brazil
16:10-16:30	19:10-19:30	Title: Environmental and geographical impacts on <i>Ruta graveolens</i> Plants metabolism Nisreen A. AL-Quraan , Jordan University of Science and Technology, Jordan

16:30-16:50	13:30-13:50	Title : Food production x irrigation x natural resources in Brazil: Successful case and challenges for environmental sustainability Danilo Jose Fanelli Luchiari , Citrus Technical Assistance And Consulting Group, Brazil
16:50-17:10	11:50-12:10	Title: Effect of inoculation with Acaulospora and Glomus on growth and nutrition of Blueberry plants (<i>Vaccinium corymbosum</i>) with different fertilization levels Gabriel Roveda Hoyos , Ecodanimar SAS, Colombia
17:10-17:30	20:10-20:30	Title: A multilevel study of melon fruit reticulation Provides insight into skin ligno-suberization hallmarks Hagai Cohen , Agricultural Research Organization (ARO), Israel

END OF DAY 01

Keynote Presentations

10:00-10:40	18:00-18:20	Title: Analysis of the impacts of natural disasters on food production by remote sensing taking Jiangxi, China as an example Weicheng Wu , East China University of Technology, China
10:40-11:20	13:40-14:20	Title: Field crops as a source of biologically active substances for crop production Pavlovskaya N.E. , Orlov State Agricultural University, Russian Federation

Oral Presentations

11:20-11:40	00:20-00:40	Title: A step toward preventing Oomycete's infection through the modification of electric fields on a microfluidic device Debolina Sarkar , University of Canterbury, New Zealand
11:40-12:00	21:40-22:00	Title: Irrigated agriculture and groundwater nexus under changing climate- a case study from Punjab, Pakistan Ghulam Zakir-Hassan , Charles Sturt University, Australia
12:00-12:20	20:00-20:20	Title: NADPH oxidase-mediated signaling pathway mediates the high light activation of ascorbate-glutathione cycle (AGC) in <i>Chlamydomonas reinhardtii</i> against photo-oxidative stress Tse-Min Lee , National Sun Yat-sen University, Taiwan
12:20-12:40	17:50-18:10	Title: Plant growth promoting rhizobacteria in agriculture Aparna B. Gunjal , Dr. D.Y. Patil, Arts, Commerce & Science College, India
12:40-13:00	18:10-18:30	Title: Transcriptional regulation of defense responsive genes during wheat-stripe rust interactions Charu Lata , ICAR-IIWBR, India
13:00-13:20	10:00-10:20	Title: Urban Agriculture in socially vulnerable areas of Sao Paulo, Brazil and in Lisbon, Portugal Laura Martins de Carvalho , FGV-SP, Brazil

13:20-13:40	08:20-08:40	Title: The reconversion of agriculture in arid and desert areas at level word Edgar Omar Rueda Puente , The Antonio Narro Agrarian Autonomous University, Mexico
13:40-14:00	16:40-17:00	Title: Role of phenotypic plasticity for plant adaptation to varying environments Elizabeth Kordyum , National Academy of Sciences of Ukraine, Ukraine
14:00-14:20	17:00-17:20	Title: The influence of climate conditions on the productivity of some gooseberry varieties in republic of moldova SAVA Parascovia , Ministry of Agriculture, Republic of Moldova
Poster Presentations		
14:20-14:30	09:20-09:30	Title: A ten percent acetic acid solution is sucesful as a growth control agent for glyphosate susceptible and glyphosate resistant <i>Amaranthus palmeri</i> (<i>Palmer Amaranth</i>) when applied early Yolander Youngblood , Prairie View A&M University, USA
14:30-14:40	09:30-09:40	Title: Stochastic option pricing model for rainfall derivatives - A case study of sugarcane production in valle del cauca, Colombia Sellamuthu Prabakaran , Pontificia Universidad Javeriana Cali, Colombia
14:40-14:50	15:40-15:50	Title: Protein extracts as a biorefining product from the forage grass species <i>Dactylis glomerata</i> Christina Cox , Aberystwyth University, UK
14:50-15:00	09:50-10:00	Title: Communities of Arbuscular mycorrhize Fungi (HFMA) associated wild plants of Agraz (<i>Vaccinium meridionale Swartz</i>) in the Colombian Andes Gabriel Roveda Hoyos , Ecodanimar SAS, Colombia
15:00-15:10	17:00-17:10	Title: <i>atpl</i> expression in different developmental stages of maize during chilling Manja Bozic , Maize Research Institute, Serbia

15:10-15:20	17:10-17:20	Title: Characterization of <i>Hibiscus coddii</i> subsp. <i>barnardii</i> , an endemic South African species with ornamental potential Helena du Plessis , University of Limpopo, South Africa
15:20-15:30	08:20-08:30	Title: Isolation of plant-growth promoting rhizobacteria from mixed-conifer forest in Sierra Nevada, California Kelli G. Thorup , California State University, USA
15:30-15:40	17:30-17:50	Title: Short-term exposure to Diclofenac cause adverse effects on Green Alga <i>Chlamydomonas reinhardtii</i> Darya Harshkova , University of Gdansk, Poland
15:40-15:50	10:40-10:50	Title: Effects of climate change on the development of beans (<i>Phaseolus vulgaris</i> L.) in the Lagunera region Rocha Valdez Juan Leonardo , Antonio Narro Autonomous Agrarian University, Mexico
15:50-16:00	10:50-11:00	Title: PDCA application in bean cultivation in Northern Mexico Rocha Quiñones Juan Leonardo , Antonio Narro Autonomous Agrarian University, Mexico
16:00-16:10	11:00-11:10	Title: From gaming to high throughput phenotyping: Use of an X-box camera to model soybean 3D structure and morphological traits Hua Bai , Northwest Missouri State University, USA
16:10-16:20	12:10-12:20	Title: Impact of grapevine grafting for hybrid varieties grown under cold climatic condition of Quebec, Canada Caroline Provost , Research Center Food De Mirabel, Canada
16:20-16:30	12:20-12:30	Title: How does cluster leaf removal reduce grape diseases pressure on cold-hardy hybrids cultivars under climatic condition of eastern Canada Caroline Provost , Research Center Food De Mirabel, Canada

Thanking Note and Closing Ceremony

UPCOMING CONFERENCES

7th Edition of Global Conference on
Plant Science and Molecular Biology

September 1-3 | Paris, France

2nd Edition on Global Conference on
Agriculture and Horticulture

September 1-3 | Paris, France

6th Edition of Global Congress on
Plant Biology and Biotechnology

March 24-26 | Singapore

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