

**TENTATIVE**  
PROGRAM

3<sup>rd</sup> Global Congress on

**PLANT BIOLOGY AND**  
**BIOTECHNOLOGY**

MARCH 11-13, 2019  
SINGAPORE

**GPB**  
2019

To Disseminate the Research and Advancements in  
Plant Biology and Biotechnology

## Tentative Program

### Keynote Presentations

**Title: Improving Identification of Plant Pathogens by Molecular Analysis**

Mohammad Babadoost, University of Illinois, USA

**Title: Vertically and horizontally transmitted genetic information in plant::plant and plant::microbe interactions**

Jeff Bennetzen, University of Georgia, USA

**Title: Cullin 3 Plant E3 Ligases: A Perspective on Improving Agricultural Traits by Controlling Protein Stability**

Hanjo Hellmann, Washington State University, USA

**Title: Omics approaches to plant genetics and crop improvement**

Yinghua Huang, Oklahoma State University, USA

**Title: Algal Biotechnology: Achievements, failures and future prospectives**

Avigad Vonshak, Ben-Gurion University of the Negev, Israel

**Title: AP-MS and organ growth in plants: from cells to tissues.**

Geert De Jaeger, Center for Plant Systems Biology, VIB-Ghent University

**Title: Applications of plant biotechnology to protect crop plants from fungal infection**

Petr Karlovsky, Georg-August-University Goettingen, Germany

**Title: Stability of synchronization in the process of biochemical substance exchange in a diffusively coupled ring-like arrangement of cells in plants**

Dragutin T. Mihailovic, University of Novi Sad, Serbia

**Title: Plant tissue culture as a sustainable technology in modern agriculture**

Sandra Perez Alvarez, Instituto Politecnico Nacional, Mexico

**Title: Monitoring of thermal and hydric regime of soils from the Transilvanian Plain during 2008-2016 and predict tendency in the evolution**

Teodore Rusu, University of Agricultural Sciences and Veterinary Medicine, Romania

**Title: Plant Biotechnology: Progress and Prospects**

Sadasivam Sankaranarayanan, Tamil Nadu Agricultural University, India

**Title: Probiotics and prebiotics and their beneficial applications on human and animal health**

Yusuf L. Henuk, University of Sumatera Utara, Indonesia

### Oral Presentations

**Title: Two mechanisms of lincosamide tolerance function as nuclear and plastid markers in higher plants**

Massimo Bosacchi, KWS Gateway Research Center, USA

**Title: Prediction of Plant Protein Subcellular Locations**

Xiangjia Min, Youngstown State University, USA

**Title: The Phytophthora RXLR effector Avrblb2 modulates plant immunity by interfering with Ca<sup>2+</sup> signaling pathway**

Zunaira Afzal Naveed, University of Florida, USA

**Title: Rice genome editing: a contribution to climate change mitigation and achievement of food security in Costa Rica**

Marta Valdez-Melara, The University of Costa Rica, Costa Rica

**Title: Fibrillarin sinteny evolution and viral interactions**

Enrique Castano de la Serna, Centro de Investigacion Cientfica de Yucatan, Mexico

**Title: Regeneration strategies in native woody species from disturbed South American dry tropical forests: the of aerial bud bank and soil seed bank**

Sandra Josefina Bravo, National University of Santiago del Estero, Argentina

**Title: Sustainable Food Production in Greenhouses and its Relations to the Environment**

Abdeen Mustafa Omer, Energy Research Institute (ERI), UK

**Title: ThaliaDB, a tool for data management and genetic diversity data exploration**

Steinbach Delphine, INRA, France

**Title: Plant cell interaction with actinides; Fe deficiency provoke uranium uptake in Brassica napus cell suspension culture**

Fatemeh Rajabi, Helmholtz-Zentrum Dresden-Rossendorf, Germany

**Title: Rare and endangered plants: interactions with pollinators and implications for conservation**

Juliana Ordoñez Rego, Botanical Gardend of Municipal Parks and Zoobotanic Foundation, Brazil

**Title: Impact of wild boar rooting on a soil seed bank of oak-linden-hornbeam forest in the Białowieża Forest**

Izabela Sondej, Forest Research Institute, Poland

**Title: Green algae Cladophora in the Crimean hypersaline waters as an ecosystem engineer and valuable resource**

Nickolai Shadrin, Russian Academy of Sciences, Russia

**Title: Probiotic microorganisms in the rhizosphere of agricultural plants**

Nadezhda Verkhovtseva, Lomonosov Moscow State University, Russian Federation

**Title: Comprehensive Approach Of The Decision Esiting Problems Of Protection Aand Stabilisation Of Water And Soil Resources In Azerbaizen**

Aliiev Z.H. Rans, Institute of Soil Science and Agrochemistry of ANAS, Russia

**Title: Root morphology, productivity, and photosynthesis of aeroponically grown ice plants (Mesembryanthemum crystallinum) with different nutrient spraying intervals**

HE Jie, National Institute of Education, Nanyang Technological University, Singapore

**Title: Status and Futures prospect of biotechnology in Jordan**

Mohamad Shatnawi, Al-Balqa Applied University, Jordan

**Title: Plant Hormones “Silent Killers”**

Mohamed Ezzat Elbeeh, Umm Al-Qura University, Saudi Arabia

**Title: Evolutionary epigenomics of mangroves reveals the homeostatic role of gene body methylation in stress adaptation**

Tian Tang, Sun Yat-sen University, China

**Enhancing b-Carotene in Maize (Zea mays L.) by Genetic Engineering**

Duc-Thanh Nguyen, Vietnam Academy of Science and Technology, Viet Nam

**Title: Physiology and productivity of temperate vegetable crops exposed to sub-lethal heat stress**

LAI Cheng-Hsiang, National Institute of Education, Nanyang Technological University, Singapore

**Title: LED technological possibilities: tool for management of metabolic changes in microgreens**

Giedre Samuoliene, Lithuanian Research Centre for Agriculture and Forestry, Lithuania

**Title: Towards C4 rice; Overexpression of C4 genes in Arabidopsis thaliana and Oryza sativa Enhances Photosynthesis, Plant Productivity and Water Use Efficiency**

B C Tripathy, School of Life Sciences, JNU, India

**Title: Importance of Plant Growth Regulators in Table Grape Production**

S.D. Ramteke, ICAR-National Research Centre for grapes, India

**Title: Studies on effect of herbal extract Samved Fugall (CO<sub>2</sub>) absorbent on Cotton**

H.A. Jambhekar, Vasumitra Life Energies Pvt, India

**Title: Cryotherapy: Cryogenic Technology for virus elimination from infected plants**

Ergun Kaya, Mugla Sitki Kocman University, Turkey

**Title: Long non-coding RNAs Regulatory Effects under Salinity Stress in Barley**

Elif KARLIK, Istanbul University, Turkey

**Title: Biochemical and Molecular Footprints of Reestablishment of Desiccation Tolerance in Germinated Seeds**

Subhash Chandra Naithani, Pt. Ravishankar Shukla University, India

**Title: Molecular characterization of 3-Hydroxy-3-methylglutaryl-CoA reductase (HMGR) multigene family in legume crop Cicer arietinum**

Renu Kumari, National Institute of Plant Genome Research, India

**Title: An Optimistic Foresight of Microalgal Biotechnology**

Ruma Pal, University of Calcutta, India

**Title: Population status, soil properties and microbial colonization in Himalayan Silver Birch (Betula utilis D. Don)**

Khashti Dasila, G.B. Pant National Institute of Himalayan Environment and Sustainable Development, India

**Title: An Investigation on Cyanobacteria based Nano-iron production and their characterization**

Sreemanti Banerjee, University of Calcutta, India

**Title: Characterization of Nano-Structured Siliceous Frustules of Amphora sp. and Application in Nanodevices**

Rahul Bose, University of Calcutta, India

**Title: Phycoremediation of tannery waste using cyanobacteria as bioreagent with special reference to Nano Chromium formation**

Iman Dey, University of Calcutta, India

**Title: Improvement Agricultural Products by Using New Bio compounds**

Hoda Saad H. Aly, Sugar Crops Research Institute, Department of Genetics and breeding, Agriculture Research Center, Egypt

**Title: Study of the flora and vegetation diversity of the Zat- High Atlas valley of Morocco: Perspective of valorization and conservation**

Mostakim Lahcen, Cadi Ayyad university, Morocco

**Title: climate change and sustainable agricultural development**

Attia El-Gayar, Soil, Water & Environment Research Institute, Egypt

**Title: Functional Characterization of a Calmodulin-binding Receptor-like Cytoplasmic Kinase (GmCBRLK) in Glycine max Using Computational and Bioinformatic Approaches**

Enetia D Bobo, Bindura University, Bindura, Zimbabwe

**Title: Genetic identification of local grapevines in the eastern of Algeria**

Laiadi Ziane, University of Biskra, Algeria

**Title: Genetic characterization of the PURPLE PERICARP traits in rice (*Oryza sativa* L.)**

Md Mominur Rahman, Hajee Mohammad Danesh Science and Technology University, Bangladesh

**Title: Association Among Growth Duration and Yield Traits Revealed by GWAS in Rice (*Oryza sativa* L.)**

Muhammad Abdul Rehman Rashid, University of Agriculture Faisalabad, Pakistan

## Speaker Slots Available

## Poster Presentations

**Title: Arabidopsis SRFRI dampens defenses against herbivory by *Spodoptera exigua* and parasitism by *Heterodera schachtii***

Phuong Dung T. Nguyen, Oklahoma State University, USA

**Title: Destroying weed seeds with exhaust gas from a combine harvester**

Zahra Bitarafan, University of Copenhagen, Denmark

**Title: Seed shattering of *Bromus hordeaceus* L. during the growing season of winter wheat**

Christian Andreasen, University of Copenhagen, Denmark

**Title: Volatile organic compounds released by maize following herbivory or insect extract application and communication between plants**

Dariusz Piesik, UTP University of Science and Technology, Poland

**Title: Attributes of wheat cultivars for late autumn sowing in genes expression and field estimates**

Anna Wenda Piesik, UTP University of Science and Technology, Poland

**Title: Classification of grass vegetation of the Rocky Range of the North-Western Caucasus**

Olga Demina, Karachay-Circassian State University, Russian Federation

**Title: Polymorphism in SSR-loci associated with E genes in soybean mutant lines perspective for breeding**

Chebota Sabina, Odessa I.I. Mechnikov National University, Ukraine

**Title: In Vitro Antioxidant and Cytotoxicity Activity Screening of Ethanolic Flower Extract of *Moringa oleifera***

Lance Harvey A. Saavedra, Philippine Normal University, Philippines

**Title: In vivo Radioprotective Activity of *Syzygium cumini* (L.) (Duhai) Extract**

Marc Adrienne Jacinto, Philippine Normal University, Philippines

**Title: Qualitative analysis and anti-bacterial investigation of *Plumbago zeylanica***

Arpita Roy, Delhi Technological University, India

**Title: Microbial endophytes and soil enzymes contribute to the growth and establishment of *Ginkgo biloba* L.**

Ashish Dhyani, G.B. Pant National Institute of Himalayan Environment and Sustainable Development, India

**Title: Over-expression of OsASR confers drought tolerance in rice**

Dipali Srivastava, CSIR- National Botanical Research Institute, India

**Title: CO<sub>2</sub> sequestration efficient Pulp wood species in OTC under elevated CO<sub>2</sub> conditions**

R. Mohanraj, Bharathidasan University, India

# Tentative Program

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**Title: Contacts Between Common Plant Names And Toponymy In Botanical Perspective**  
Shashikant Bharatrao Shisode, M.G.Vidyamandir's Loknete Vyankatrao Hiray Arts, Science and Commerce College, India

**Title: Contribution to the study of intercropping wheat and Faba in the area of Marrakech**  
Sammama Hasnaa, University of Cadi Ayyad, Morocco

## Slots Available



**Village Hotel Changi, 1 Netheravon Road Singapore 508502**

**Conference Dates: March 11-13, 2019**

Questions? Contact +1 (702) 988-2320 or Inquires: [plantbiology-2019@magnus-group.org](mailto:plantbiology-2019@magnus-group.org)

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