

2<sup>nd</sup> Edition of Global Conference on

# PLANT SCIENCE AND MOLECULAR BIOLOGY

TENTATIVE  
Program

GPMB  
2018

ACCENTUATE INNOVATIONS AND EMERGING  
NOVEL RESEARCH IN PLANT SCIENCES

SEPTEMBER 20-22, 2018  
ROME, ITALY

## Tentative Program

### Keynote Presentations

**Title: How to structure the GM debate successfully**

Klaus Ammann, University of Bern, Switzerland

**Title: Why is the mid-southern United States an epicenter for the development of Herbicide resistant weeds?**

Thomas C Mueller, University of Tennessee, USA

**Title: Source-sink relationships and stress tolerance in crop plants**

Eduardo Blumwald, University of California, USA

**Title: Redox state components controls the nitrogen-fixing symbiosis between *Medicago truncatula* and *Sinorhizobium meliloti***

Frendo Pierre, University of Nice Sophia Antipolis, France

**Title: Host ER stress machinery responds to Viral small membrane binding proteins to suppress virus accumulation**

Jeanmarie Verchot, Texas A&M Agrilife Research, USA

**Title: Desiccation tolerance in resurrection plant; It's a matter of life and death**

Brett Williams, Queensland University of Technology, Australia

**Title: Understanding defense and counter-defense in plant-virus co-evolutionary arms race and developing next generation antiviral resistance**

Aiming Wang, Agriculture and Agri-Food Canada, Canada

**Title: The Canadian breeding program for the improvement of abiotic stress tolerance of perennial forage legumes**

Annie Claessens, Agriculture and Agri-Food Canada, Canada

**Title: Tweaking adaptation traits to improve yield in perennial herbaceous crops: Seasonal dormancy as a model**

Ali M. Missaoui, The University of Georgia, Georgia

**Title: Natural hybridization may trigger genomic reshuffle imposing complicated strategies for survival of hybrid-segregates**

Hit Kishore Goswami, Barkatullah University, India

**Title: Proteasome regulation in plant development**

Hong-Wei Xue, Chinese Academy of Sciences, China

### Oral Presentations

**Title: Machine Learning in Development of Therapies for Citrus Greening**

Victoria A Piunova, IBM Almaden Research Center, United States

**Title: Differential root and leaf defense response to *Phytophthora nicotianae* infection**

Jian Wu, Citrus Research and Education Center, University of Florida, USA

**Title: Actinomycetes diversity associate to cherry (*Prunus avium* L.) rhizosphere and their potential as plant health promoters**

Marieta Marin Bruzos, University of British Columbia, Canada

**Title: Salt tolerance mechanisms in grasses with salt excretion**

Nuria Koteyeva, Komarov Botanical Institute Russian Academy of Sciences, Russia

**Title: Genetic breeding as a tool to control the pine wilt disease**

Raquel Diaz Vazquez, Lourizan Forest Research Center, Spain

**Title: Morpho-physiological approaches to screen for salinity tolerance in *Oryza glaberrima* Steud**

Prodjimoto Hermann, Universite catholique de Louvain, Belgium

**Title: Molecular Identification of *Macrophomina Phaseolina* associated with Charcoal Rot of Melon in Jordan**

Adel Saleh Hussein Al-Abed, National Center for Agricultural Research and Extension, Jordan

**Title: Wound signaling and cell fate transition in plant regeneration**

Lin Xu, Shanghai Institutes for Biological Sciences, Chinese Academy of Sciences, China

**Title: Ethnobotanical uses of *Clerodendrum L.* in North East India**

Nilbedita Das, Gauhati University, India

**Title: Diversity of edible and inedible macrofungi in Turgu tropical forest ecosystem Mount Merapi National Park**

Dwiki Prasetya, Yogyakarta State University, Indonesia

**Title: Sunflower broomrape (*Orobanche cumana*) parasite: biology, genetics, host-parasite interaction**

Maria Pacureanu, Research Center for Cereals and Industrial Crops, Romania

**Title: Hypoglycemic Potential of Sugar cane (*Saccharum officinarum* Linn.) Stalk Extract in Alloxan-Induced Diabetic Mice**

Nichell M. Villarta, Philippine Science High School-EVC, Philippines

**Title: About biological and valorization of algerian species**

Meriem Kaid Harche, University of Science and Technology of Oran Mohamed Boudiaf, Algeria

**Title: The Brassinosteroids (BR) Signaling Regulation of plant Seed number**

Wen-Hui Lin, Shanghai Jiao Tong University, China

**Title: Cellulosic Cell walls of Dinoflagellates**

Alvin, Chun Man Kwok, The Hong Kong University of Science and Technology, Hong Kong

**Title: Development and applications of rice SNP array for genomic breeding**

Fasong Zhou, China National Seed Group Co., Ltd, Wuhan, China

**Title: Current Situation of Research and Application of Biological Control Agents in Taiwan**

An-Long Chiou, University of Taipei, Taiwan

**Title: Genomic analysis of lipid-related genes showed insight to the high oil content in sesame**

Linhai Wang, Chinese Academy of Agricultural Sciences, China

**Title: Assessment of genetic diversity in *Pedalium murex L.* from different parts of India**

Gulshan Chaudhary, The Energy and Resources Institute, India

**Title: Effect of potato peel's compost on evapotranspiration growth of *Phaseolus Vulgaris L.* under salinity**

Rafat Saeed, China Agricultural University, China

**Title: Preliminary progress of QTL Mapping and transcriptomic analysis for Salt Tolerance on wild cotton (*Gossypium*)**

Fang Liu, The Institute of Cotton Research of the Chinese Academy of Agricultural Sciences, China

**Title: Ex situ conservation and in vitro multiplication of potential cactus species resistant to cochineal and productive of fruits consumable in Morocco**

Youssef EL Kharrassi, University of Mohammed VI Polytechnic (UM6P), Morocco

**Title: An Overview of Lentil Improvement Program in Algeria**

Gaad Djouher, National Research Center for Biotechnology, Algeria

**Title: Screening of Interspecific tomato hybrids against Peanut Bud Necrosis Virus (PBNV)**

A. Beulah, Tamil Nadu Agricultural University, India



**Title: Exploring key cellular processes and candidate genes regulating the primary thickening growth of Moso underground shoots**

Qiang Wei, Nanjing Forestry University, China

**Title: Temporal and organ specific modifications assist in growth of *Phragmites karka* under saline degraded land: A sustainable approach for alternate biofuel source**

Muhammad Zaheer Ahmed, University of Karachi, Pakistan

**Title: Investigation on Population Fluctuation, Spatial Distribution and Sampling Plans of *Tetranychus urticae* Koch. in Common Bean (*Phaseolus vulgaris*) Fields in North Lorestan Province-Iran**

Nasim Abolfathi, Shahid Chamran University of Ahwaz, Iran

**Title: Expression Studies of Insect Resistant Genes in *Gossypium hirsutum***

Mudassar Fareed Awan, University of the Punjab Lahore, Pakistan

## Poster Presentations

**Title: Comparative analysis between the reproductive strategies of the cultivated *Moringa oleifera* and its wild and endangered relative *Moringa peregrina***

Adina Mishal, Tel Aviv University, Israel

**Title: Genome editing in cotton with the CRISPR/Cas9 system**

Prashant Kumar Singh, Henan University, China

**Title: Functional deficiency of phytochrome B improves salt tolerance in rice**

Nam-Chon Paek, Seoul National University, Korea, Republic of

**Title: Transference of Ethnobotanical Knowledge and Threat & Conservation Status of Medicinal Plants in Ethiopia: Anthropological and Ethnobotanical Perspectives**

Sara Sintayehu Ayichew, Haramaya Univeristy, Ethiopia

**Title: Changes on growth and abscisic acid contents of *Medicago sativa* to drought at different growth stages**

Liqiang Wan, Chinese Academy of Agricultural Sciences, China

**Title: Potential Mycoherbicide Produced by *Penicillium* sp. KRF15-01 Isolated from Soil**

Youngsook Kim, Korea Research Institute of Chemical Technology, Korea, Republic of

**Title: The features of overgrowth of rock dumps in Kryvyi Rih (Ukraine)**

Nathalia Yeremenko, M.H. Kholodny Institute of Botany of NAS of Ukraine, Ukraine

**Title: Gene expression analysis of phenylpropanoid pathway during germination that triggers the synthesis of isoflavones in emerging radicle of Chickpea**

Anuradha Deorukhkar, Institute of Chemical Technology, India

**Title: *Bothriochloa Ischaemum* (L.) Keng in Ukraine and North America**

Liudmyla Lysohor, Institute of evolutionary ecology of NAS of Ukraine, Ukraine

**Title: Effect of plant growth regulators on morpho-physiological and yield parameters of some Sesame (*Sesamum Indicum* L.) Cultivars**

Srikrushna Behera, OUAT, India

**Title: Short-term effects of seed-dressing with associative-nitrogen-fixing bacteria on flowering, silking and yield of maize in Zimbabwe**

Gabriel Vusanumuzi Nkomo, Africa University, Zimbabwe

**Title: Effects of Magnetic Field on Peroxidase Activity and Hardening of New Guinea Impatiens Explants**

Fardad Didaran, Tehran University, Iran



# Program

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Holiday Inn Rome Aurelia

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**Conference Dates: September 20-22, 2018**

Questions? Contact +1 (702) 988-2320 or Inquires: [plantscience@magnusconferences.com](mailto:plantscience@magnusconferences.com)  
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