

GPMB 2017

Global Conference on
Plant Science and Molecular Biology

*Accentuate Innovations and Emerging Novel Research in
Plant Sciences*

Tentative Program

September 11-13, 2017 | Valencia Spain

Day 1 September 11, 2016 (Monday)

Keynote Presentations

Title: The Social Imperative of Soil Microbiology: Understanding Soil/Plant Interactions for a Better Planet

Cornelia Butler Flora, Kansas State University, USA

Title: The cost of avoiding freezing in stems: tradeoff between water transport efficiency and supercooling capacity in woody plants

Guillermo Goldstein, University of Miami, USA

Title: Risk assessment of deoxynivalenol in humans and animals

Leif Sundheim, Norwegian University of Life Sciences, Norway

Title: Outlook and Social Impact Of Plant Biotechnologies

Sandra Perez Alvarez, National Polytechnic Institute, Mexico

Oral Presentations

Title: The Phytobiome: The Role of Microbes in Plant Health and Plant Phenotype.

Cardwell Kitty, Oklahoma State University – Stillwater, USA

Title: Nodulation in a primitive (crack entry infection) symbiotic system

Jianping Wang, University of Florida, USA

Title: Tools for characterization and evaluation grape genetic resources.

Munoz Organero Gregorio, Madrid Institute for Rural, Agricultural and Food Research and Development (IMIDRA), Spain

Title: RNA spray fights fungus

Aline Koch, Justus-Liebig University of Giessen, Germany

Title: How molecular and ecological science can help to ease up the unnecessary harsh GMO dispute.

Ammann Klaus, University of Bern, Switzerland

Title: The Evolutionary Footprint in the Genome of Arabidopsis thaliana

Ovidiu Popa, Institute of Quantitative and Theoretical Biology, Germany

Title: Mutual influence of a vegetation and its evolution from one side, and permanently falling carbon dioxide and permanently increasing oxygen concentration in the Earth atmosphere from the other side, from Archei till now. The tendencies of development of natural conditions on the planet currently and for the foreseeable future period.

Innokentiy Evgenievich Sinev, ROIKS, Russia

Title: Modern techniques for walnut propagation.

Stefan Gandev, Fruit Growing Institute, Bulgaria

Title: Development And Application Of Dna And Metabolic Markers For Characterisation And Selection Of Garlic Cultivars.

Jaroslava Ovesna, Crop Research institute, Czech Republic

Title: Plant diversity and livelihoods in South America: obstacles and opportunities

Mauricio Diazgranados Cadelo, Royal Botanic Gardens, Kew, UK

Title: Importance of old herbarium collections in botanical research.

Dalibor Vladovic, Natural History Museum, Croatia

Title: Plant sex: How hot is too hot? Reproductive screening for heat tolerance in cotton.

Susan Yvonne Jaconis, CSIRO Agriculture, Australia

Title: Hormonal dynamic during salt stress response of salt-sensitive *Arabidopsis thaliana* and salt-tolerant *Thellungiella salsuginea*.

Prerostova Sylva, Institute of Experimental Botany AS CR, Czech Republic

Title: Metabolomic approach to resistance of *Avena* species to *Fusarium* head blight (FHB).

Igor G. Loskutov, St-Petersburg State University, Russia

Title: Induction of barley silicon transporters HvLsi1 and HvLsi2 is responsible for silicon accumulation in shoot under concomitant drought and K deficiency.

Seyed Abdollah Hosseini, Agro Innovation International - Roullier group, France

Title: The x-talk between abiotic and biotic stress tolerance.

Jonak Claudia, AIT Austrian Institute of Technology, Austria

Title: Plant Biotechnology for rice disease resistance

Zhou Fasong, Life Science and Technology Center of China Seed, China

Title: Hydrogen cyanamide breaks grapevine bud dormancy in the summer through transient activation of gene expression and accumulation of reactive oxygen and nitrogen species

Yung-fu Yen, National Chiayi University, Taiwan

Title: Orthodox and recalcitrant seeds - two strategies of adaptation.

Marina Azarkovich, Timiryazev Institute of Plant Physiology of Russian Academy of Science, Russia

Title: Growing halophytes to enhance pasture production in salt affected desert

Medhat Mekhail Tawfik, National Research Centre, Egypt

Title: DNA-based Biosensing applied to wine authenticity

Paula Filomena Martins Lopes, University of Trás-os-Montes and Alto Douro, Portugal

Title: Yet to be decided

Michael dos Santos Brito, Cane Center of the Agronomic Institute of Campinas, Brazil

Title: Transcriptomic analysis using RNAseq technology in commercial clones of "Nacional" cacao variety associated to bean flavor

Eduardo Morillo, National Institute of Agricultural Research, South America

Title: Advances in the knowledge of wild relatives of cassava: diversity and conservation of Brazilian species.

Marcio Lacerda Lopes Martins, Center for Agrarian, Environmental and Biological Sciences (CCAAB), Brazil

Title: Using genomic repeat abundance and cytogenomic approaches to infer phylogenetic relationships in *Caesalpinia sensu lato* (Fabaceae).

Gustavo Souza, Federal University of Pernambuco Bioscience Center, Brazil

Speaker Slots Available

Day 2 September 12, 2016 (Tuesday)

Keynote Presentations

Title: Effect of abiotic and biotic factors on the biosynthesis of lycopene

Helyes Lajos, Szent Istvan University, Hungary

Title: Applying combinatorial biotechnology in potato as an example of crop improvement

Elena Rakosy-Tican, Babes-Bolyai University, Romania

Title: In vitro and molecular techniques combined with conventional methods for horticultural crop improvement

Samir C. Debnath, St. John's Research and Development Centre, Canada

Title: Climate Change Adaptation Strategies for Barley and Wheat Production

Wafaa Mohamed Haggag, National Research Center, Egypt

Oral Presentations

Title: How signal transduction regulates chromatin function in response to stress.

Jonak Claudia, AIT Austrian Institute of Technology, Austria

Title: Roles of protein palmitoylation in plant.

Baoxiu Qi, University of Bath, UK

Title: High altitude temporary pond plant community and population dynamics.

Pinelopi Delipetrou, National & Kapodistrian University of Athens, Greece

Title: The effect of *Tetraneura ulmi* L. galling process on the activity of amino acid decarboxylases and the content of biogenic amines in Siberian elm tissues

Cezary Piotr Sempruch, Siedlce University of Natural Sciences and Humanities, Poland

Title: Facilitation of adventitious root formation by nitrogen remobilization on reversible dark-induced carbohydrate depletion in *Petunia hybrida* and potential application in horticulture.

Zerche, Siegfried, Leibniz-Institute of Vegetable- & Ornamental Crops, Germany

Title: Plant-specific glutaredoxins regulate cassava drought response in ABA-dependent pathway.

Mengbin Ruan, Institute of Tropical Bioscience and Biotechnology, China

Title: Epidemiología espacial y temporal of *Rhizoctonia solani* en tabaco

Guadalupe Eugenia Mercado Cardenas, INTA EEA Salta, Argentina

Title: Manipulation of the starch granule number and morphology in *Arabidopsis thaliana*.

Joerg Fettke, University of Potsdam, Germany.

Title: The effect of industrial aerosol emissions on the heavy metals content and distribution in herbaceous plants

Saglara Mandzhieva, Southern federal university, Russia

Title: Inverse modulation of antibacterial and antiviral defenses by plasma membrane-associated immune complexes.

Elizabeth P B Fontes, Federal University of Vicosa, Brazil

Title: Hormonal and epigenetic control of developmental shifts in tomato fruit

Bouzayen Mondher, National Polytechnic Institute of Toulouse, France

Title: Dangerous quarantine diseases of plants to Ukraine

Nataliia Skrypyuk, Institute of Plant Protection NAAS, Ukraine

Title: Tomatoe seedling inoculation with Plant Growth Promoting Rhizobacteria (PGPR).

Lucrecia Brutti, National Institute of Agricultural Tecnology (INTA), Argentina

Title: Conservation of diversity and carbon stocks in tropical secondary communities: the case of logged forests

Jose Lozada, Universidad de Los Andes, Venezuela

Title: GM crops development, policy and challenge in China.

Ruifa Hu, Beijing Institute of Technology, China

Title: Response of *Stevia rebaudiana* Bertoni to Foliar Application with Yeast or Seaweed Extracts on Growth, Anatomical and Chemical Structure.

Mohammed Sghir TALEB, Mohammed V University of Rabat, Morocco

Title: State of knowledge on plants in Morocco: importance, diversity, sociology and trends

Mohammed Sghir TALEB, Mohammed V University of Rabat, Morocco

Title: Plant RNA-seq variants with a dual application in genetic diversity and association studies: Alternations of SSR motifs in response to abiotic stresses

Naser Feto, Vaal University of Technology, South Africa

Title: Interest of halophytes in the fight against desertification: study of physiological markers of halophytes responses to salinity

Amroune Mohamed, Universite de Mascara, Algeria

Title: Endophytic fungi as potential inhibitory agents of downy mildews

Abbas Nasehi, University of Tehran, Iran

Title: Prediction of stress responsive chromosomal hot spots using RNA-seq data

Arghavan Alisoltani-Dehkordi, Vaal University of Technology, South Africa

Title: Nitrogen movement in coarse-textured soils and its availability to maize (*zea mays* L.) Plant

John Mthandi, Sokoine University of Agriculture, Tanzania

Title: Study of system modeling of *Moringa* (*Moringa oleifera*) fodder development, its nutritional response to ruminants and evaluation of food-feed competitive efficiency

Khairul Bashar, Bangladesh Livestock Research Institute, Bangladesh

Title: Molecular Markers: key biotechnology tools in the research and development of biofortified cereals

Behzad Sadeghzadeh, Dryland Agricultural Research Institute, Iran

Title: Social Construction of Cowpea Variety Development in Ghana:What is missing?

Wilhemina Quaye, CSIR-Science and Technology Policy Research Institute, Ghana

Title: Vegetative propagation trial of *Prosopis africana* (G. et Perr.) Taub. by air layering under sudano sahelian climate in the south-central Niger

Laouali Abdou, University of Diffa / Niger, Nigeria

Speaker Slots Available

Day 3 September 13, 2016 (Wednesday)

Keynote Presentations

Title: Application of stable isotope and compound-specific isotope analyses to dendrochronological studies.

Olga Churakova, University of Bern, Switzerland

Title: Nanotechnology: Introduction and Trends in Plant Disease Control

Ahmed I. S. Ahmed, Desert Research Center, Egypt

Oral Presentations

Title: Targeted mutagenesis, editing of endogenous maize genes using Cas9 -gRNA in the form of DNA vectors and may be also as ribonucleoprotein (RNP) complexes.

Myroslava Rubtsova, Institute of Plant Genetics and Crop Plant Research, Germany

Title: The effect of pre-anthesis temperature on quality of cut lilac branches.

Agata Jedrzejuk, Warsaw University of Life Sciences, Poland

Title: Application in Plant Sciences and Plant Research.

David Ramirez, International Potato Center - CGIAR, Peru

Title: Vermicompost Affects Shoot Growth of Trakya Ilkeren/5BB Grafting Combination Grapevine (*Vitis vinifera* L.) Saplings.

Korkmaz Belliturk, Namik Kemal University, Turkey

Title: Development of leafy head upon microRNA coordination.

Yuke He, Shanghai Institutes for Biological Sciences, China

Title: The diversity of endemic plants of Greece in different habitat types or protected areas.

Maria Panitsa, University of Patras, Greece

Title: Contributions of Plant Tissue Culture to Plant Science

Meltem Bayraktar, Ahi Evran University, Turkey

Title: Effect of root zone temperature on synthesis and accumulation of alkaloids in *Catharanthus roseus*.

Sonia Malik, Federal University of Maranhao, Brazil

Title: Overview of walnut culture in Bulgaria.

Stefan Gandev, Fruit Growing Institute, Bulgaria

Title: Screening effective microorganisms for agricultural solid waste treatment and microbial organic fertilizer production applying in sustainable agriculture

Chinh Tang Thi, Vietnam Academy of Science and Technology, Vietnam

Title: Production And Application Of Biofertilizer: Field Trial At Maize Field, Uchalan, Burdwan District, West Bengal, India.

Sandhimita Mondal, Techno India University, India

Title: Application of molecular biology in the determination of genetic diversity within the genus cactus (*Opuntia* spp) and identification of the main biomolecules derived from several species of nutritional, therapeutic and medicinal interest.

Elkharrassi Youssef, University of Burgundy, Morocco

Title: Overview of walnut culture in Bulgaria.

Stefan Gandev, Fruit Growing Institute, Bulgaria

Title: Medicinal Plants and Indigenous Knowledge for Well-Being of Local People in Some Areas of Southern Ethiopia

Mathewos Agize Ante, Wolaita Sodo University, Ethiopia

Title: Morpho-physiological and Molecular Characterization of *Cynodon* Accessions of Iran: A case study on cold tolerance

Hassan Salehi, Shiraz University, Iran

Title: Evaluation of advanced Kenyan Wheat lines for resistance to the prevailing stem rust races (*Puccinia graminis* f.sp. *tritici*)'.

Beatrice Tenge, Kenya Agricultural and Livestock Research Organization, Kenya

Title: Cultivation Technology of Specialty Mushrooms

Beharilal Dhar, Mushroom Research Development and Training Center, Gurgaon

Program

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Title: Insights into the Role of the Plastid Terminal Oxidase in the Redox Status of the Plastoquinone Pool under Drought Stress: Differential Responses of Photosynthesis to Drought in Cultivated Barley and its Wild Relative

Shahbazi Maryam, Agricultural Biotechnology Research Institute of Iran (ABRII), Iran

Title: Yet to be decided

Peiman Zandi, Islamic Azad University, Iran

Title: Seminal And Nodal Root Growth And Ion Uptake Of Wheat Under Salt Stress

Muhammad Atiq-ur-Rahman, Government College University Faisalabad, Pakistani

Title: Nanotechnology development in plant science

Javad Karimi, Isfahan Technical and Vocational Training Organization, Iran

Title: The effect of environmental factors on extracellular polymeric substance production by soil cyanobacterium Nostoc

Bahareh Nowruzi, Islamic Azad University, Iran

Speaker Slots Available



We wish to meet you @

GPMB- 2017

During September 11-13, 2017 at Valencia, Spain

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