

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, 2017 (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: How molecular and ecological science can help to ease up the unnecessary harsh GMO dispute.

Ammann Klaus, University of Bern, Switzerland

Title: Outlook and Social Impact Of Plant Biotechnologies

Sandra Perez Alvarez, National Polytechnic Institute, Mexico

Title: New scenarios for crop plants: TiO₂ nanoparticles in sludge-amended agricultural soil.

Monica Ruffini Castiglione, University of Pisa, Italy

Oral Presentations

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

Cardwell Kitty, Oklahoma State University – Stillwater, USA

Title: Treating Plants with Plastic: Macromolecular Therapies to Combat Infections in Plants

Victoria A Pionova, IBM Almaden Research Center, United States

Title: Herbicide Resistant *Amaranthus palmeri* poses major evolutionary and ecological challenges to broad acre farming operations in the United States.

Thomas C Mueller, University of Tennessee, United States

Title: Physical process of development of an air bubble by air seeding in xylem.

Fanyi Shen, Beijing Forestry University, China

Title: Gene expression of metal transporting P-type ATPases in *Brassica nigra* and *Brassica juncea* grown at different levels of Cu and Zn

Abdulrezzak MEMON, Usak University, Turkey

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

Bouzayen Mondher, National Polytechnic Institute of Toulouse, France

Title: RNA spray fights fungus

Aline Koch, Justus-Liebig University of Giessen, Germany

Title: Fragrant plants used as air fresheners in private households

Henrik Toft Simonsen, Technical University of Denmark, Denmark

Title: Positive and negative feedback between reactive oxygen species and auxin for adjustment of plant growth under stress conditions.

Ivan Paponov, Norwegian Institute of Bioeconomy Research, Norway

Title: Hormone-modulated response modules in the plasma membrane initiating early events in plant cell elongation.

Klaus Harter, University of Tuebingen, Center for Plant Molecular Biology, Germany

Title: Sequencing of 260 Citrus Varieties: Linking Genotypes to Phenotypes

Javier Terol, Centro de Genomica, IVIA, Spain

Title: Mutual influence of a vegetation and it's 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: Perspectives on the use of reflectance spectra in the visible/near infrared region to detect the Citrus tristeza virus.

Natália Marques, Universidade do Algarve, Portugal.

Title: Transcriptome profiling during low temperature storage of sweetpotato tuberous roots to elucidate the mechanism of chilling injury.

Chang-Yoon Ji, University of Science & Technology, Korea

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: Plant intramembrane proteases and beyond...

Malgorzata Adamiec, Adam Mickiewicz University, Institute of Experimental Biology, Poland

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

Susan Yvonne Jaconis, CSIRO Agriculture, Australia

Title: The use of modern physical and chemical methods for identifying adaptation genotypes Prunus Cerasus L

Svetlana Motyleva, FSBSI ARHIBAN, Russian Federation

Title: Integrated analysis of phenome, genome and transcriptome of hybrid rice uncovered multiple heterosis-related loci for yield increase.

Yeyun Xin, China National Hybrid Rice Research and Development Center China

Title: Modulating effect of low and high temperatures on wheat reaction to cadmium stress.

Natalia Repkina, Institute of Biology Karelian Research Centre of the Russian Academy of Sciences, Russia

Title: Solanum lycopersicum (tomato) possesses multiple lipoyl synthases capable of increasing lipoylation levels in vivo

Michael Handford, Universidad de Chile, Chile

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: Dissection of the remorin gene function in rice.

Laigeng Li, Institute of Plant Physiology and Ecology, China

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: Biotechnologies for ex situ Conservation of botanical important Plant Species and molecular Techniques used for investigating in vitro genetic Stability.

Victoria Cristea, Babes-Bolyai University Cluj-Napoca, Romania

Title: Salt tolerance in rice: plant strategies and genetic improvement.

Elide Formentin, University of Padova, Italy

Title: Western Australia's rapid increase in canola production; a role for both hybrid and open pollinated plant types.

Martin Harries, Western Australian Department of Agriculture and Food, Australia

Title: Characterization of transcription factors involved in early defense response during interaction of oil palm (*Elaeis guineensis*) with *Ganoderma boninense*.

Nurshafika Mohd Sakeh, Universiti Putra Malaysia, Malaysia

Title: A Barley Powdery Mildew Candidate Effector Regulates Host Immune Responses through Destabilizing HvCAT1

Qian-Hua Shen, Institute of Genetics & Developmental Biology, 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: Physiology and metabolism of roots in response to extreme temperatures stress

Moses Kwame Aidoo, Ben-Gurion University of the Negev, Israel

Title: Othodox 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: Meta-Analysis of Economic Indicators in Developing Genetically Modified (GM) Cotton

Julian Witjaksono, The Assessment Institute for Agricultural Technology of Southeast Sulawesi, Indonesia

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: Annual ring formation in Scots pine stems as the reaction on seasonal changes in photosynthesis and respiration

Antonova Galina Feodosievna, VN Sukachev Institute of Forest Siberian Branch of Russian Academy of Sciences, Russian Federation

Title: Managing root-knot nematodes in potatoes using cucurbitacin-containing phytonematicides: A success story in South Africa.

Kgabo Martha Pofu, Agricultural Research Council, South Africa

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

Title: Antidiabetic and Free Radical Scavenging Properties of various extracts of *Hippophae rhamnoides*.

M. Amin Mir, Uttarakhand Technical University, India

Speaker Slots Available

Day 2 September 12, 2017 (Tuesday)

Keynote Presentations

Title: Risk assessment of deoxynivalenol in humans and animals

Leif Sundheim, Norwegian Institute of Bioeconomy Research, Norway

Title: 4D-high-resolution phenotyping of single cells and organs enables systems biology insights into plant cell differentiation

Klaus Palme, University of Freiburg, Germany

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: Understanding of plant innate immune response and engineering of novel innate immunity for pathogen clearance and disease protection.

Goutam Gupta, Los Alamos National Laboratory, USA

Oral Presentations

Title: Metabolomics analysis of the effect of changed CO₂ concentration on the wheat's response to Fusarium Head Blight.

Cuperlovic-Culf Miroslava, National Research Council Canada, Canada

Title: Overcoming the challenges of determining genetic diversity in closely related genotypes that have undergone a genetic bottleneck.

Seanna Hewitt, Washington State University, USA

Title: From transcription factors and flower evolution to understanding food (in)security and geopolitics.

Ioan Negrutiu, Michel Serres Institute, France

Title: Plant metabolomics: a tool to valorize crops in a changing world.

Maria da Conceicao Lopes Vieira dos Santos, University of Porto, Portugal

Title: Roles of protein palmitoylation in plant.

Baoxiu Qi, University of Bath, UK

Title: Identification of transcriptional regulators of cereal grain development and quality

Sofia Kourmpetli, Cranfield Soil and AgriFood Institute, UK

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: Characterization of Kumquat (*Fortunella margarita*) peel essential oil and hydrosol fraction and their potential as antimicrobial, antioxidant, anti-inflammatory and anti-carcinogenic agents.

Bardouki Haido, VIORYL S.A., Greece

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: Improving the efficiency of wheat and triticale androgenesis: the starch story.

Magdalena Szechyńska-Hebda, Institute of Plant Physiology, Polish Academy of Sciences, Poland

Title: *Thapsia garganica* L. in vitro plants as a new production platform of thapsigargin.

Carmen Quinonero Lopez, University of Copenhagen, Denmark

Title: Cryo-EM Structure of the chloroplast ATP synthase from Spinach

Alexander Hahn, Max Planck Institute for Biophysic, Germany

Title: Transforming the future of agriculture through synthetic photorespiratory bypass.

Selcuk Aslan, Max Planck Institute of Molecular Plant Physiology, Germany

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: Analysis of metabolites modulated by Plasmopara viticola infection in Bianca grapevine leaves.
Giulia Chitarrini, Fondazione Edmund Mach, Italy

Title: Hydric stress and silicon in the activity of antioxidant enzymes in cv Micro-Tom tomato
Janaina Oliveira Cruz, UNESP - Univ. Estadual Paulista, Brazil

Title: Indicators And Descriptors Of Life Sciences Sustainable Higher Education In Bulgaria - Case Study In University Of Forestry.
Nidhal Shaban, University Of Forestry, Bulgaria

Title: Axenically culturing the bryophytes: problems, achievements and prospective of in vitro cultures.
Marko Sabovljevic, University of Belgrade, Serbia

Title: Differential oxidative and biochemical responses of tomato and maize leaves to Spodoptera exigua herbivory
Sameera Omar Bafeel, King Abdulaziz University, Science college, Saudi Arabia

Title: Ferns and Lycophytes in Balinsasayao, Philippines: Participatory Inventory, Assessment and Conservation Initiatives.
Victor B. Amoroso, Central Mindanao University, Philippines

Title: Secretory structures of the leaves of Hibiscus sabdariffa Linn. (Malvaceae)
Yougasphree Naidoo, School of Life Sciences, South Africa

Title: GM crops development, policy and challenge in China.
Ruifa Hu, Beijing Institute of Technology, China

Title: Difference in Na dependence between Na loving plant species.
Hideyasu Fujiyama, Tottori University, Japan

Title: Response of Stevia rebaudiana Bertoni to Foliar Application with Yeast or Seaweed Extracts on Growth, Anatomical and Chemical Structure.
Azza M. Salama, Cairo University, Egypt

Title: Enhancing production of tobacco in Macedonia.
Romina Kabranova, Ss.Cyril and Methodius University -Skopje, Macedonia, The Former Yugoslav Republic of

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: Melilotus indicus: a valuable multipurpose weed for food security
Nidhi Gautam, DaulatRam College, Delhi University Main Campus, India

Title: Yet to be decided.
Seong Wook Yang, YONSEI UNIVERSITY, Korea, Republic of

Title: GFP tagging of Ralstonia solanacearum facilitate its easy tracking in tomato cultivars without affecting virulence
Manju Sharma, Amity Institute of Biotechnology, India

Title: Anaerobic digestion of Municipal Waste water (MWW at Low temperature by using waste hydrogen peroxide
Saima Fazal, Huazhong University of Science and Technology, China

Title: Unlocking the feeding potential of multi-floret rice germplasm: a step toward global food security
Muhammad Abu Bakar Saddique, University of Agriculture Faisalabad, Pakistan

Speaker Slots Available

Poster Presentations

Title: Effects of CO₂ enrichment, high photosynthetic photon flux density and ammonium supply on growth and development of *Nicotiana benthamiana* used as a transient expression system for influenza virus hemagglutinin

Lingling Shang, The Faculty of Agriculture and Food Sciences, Laval University, Canada

Title: LINKING PLANT DEMOGRAPHY, ECOLOGICAL DYNAMICS AND POPULATION GENETICS ACROSS SPACE AND TIME

Nahaa Miqad Alotaibi, Swansea University, United Kingdom

Title: Stability of resistance to *Fusarium* head blight and *Fusarium* toxin accumulation in winter wheat lines over different environments.

Tomasz Goral, Plant Breeding and Acclimatization Institute NRI, Poland

Title: Application of TaqMan probes to study the expression kinetics of celiac disease-related toxic epitopes and their presence in the gDNA of contrasted spelt accessions

Benjamin Dubois, Walloon Agricultural Research Center (CRA-W), Belgium

Title: Reaction of winter triticale breeding lines to *Fusarium* head blight and accumulation of *Fusarium* metabolites in grain in two environments.

Wisniewska Halina, Institute of Plant Genetics Polish Academy of Sciences, Poland

Title: Taxonomy of plants in phylum using UV fingerprints and robust chemometrics

Costel Sarbu, Babeş-Bolyai University Cluj-Napoca, ROMANIA

Title: Comparison of winter wheat and triticale genotypes for high callus induction and plant regeneration from mature embryo cultures.

Lidia Kowalska, Plant Breeding and Acclimatization Institute, Poland

Title: The p24 protein of Citrus leprosis virus C (CiLV C) is a multi-pass transmembrane protein exposing N cytoplasmic-C lumen topology.

Mikhail Oliveira Leastro, Instituto Biológico de São Paulo, Brazil

Title: EFFECTS OF ARTIFICIAL COELUX® LIGHT ON PLANTS GROWTH.

Antonella Polzella, University of Molise, Italy

Title: Transcriptome analysis of resistant and susceptible sweetpotato cultivars infected with root-knot nematode *Meloidogyne incognita*.

Yunhee Kim, Gyeongsang National University, Korea, Republic of

Title: Dynamic of residue decomposition and effects on labile fractions of soil organic carbon.

Eduardo de Sá Pereira, INTA Coronel Suárez, Argentina

Title: Role of Jasmonic acid in regulating tomato susceptibility to root-knot nematodes

Victoria Lavrova, Institute of Biology, Russia

Title: The movement of *Chlamydomonas reinhardtii* in response to light is mediated by abscisic acid

Layla Al Hijab, West of England Universtiy, United Kingdom

Title: AtAIRP2, an Arabidopsis RING E3 Ubiquitin Ligase, Positively Regulates ABA- and High Salinity-mediated Seed Germination by Stimulating ATP1/SDIRIP1 Turn-over

Woo Taek Kim, YONSEI UNIVERSITY, Korea, Republic of

Title: Abiotic stress tolerance in perennial grasses – recommended for the management of dry and degraded areas.

Elzbieta Czembor, Plant Breeding and Acclimatization Institute, Poland

Title: OsXRI5 gene confers resistance to bacterial blight and bakanae disease.

Sangryeol Park, National Institute of Agricultural Sciences, Korea, Republic of

Title: Identifying and characterising putative aldose 6-phosphate reductases in *Arabidopsis thaliana*

Michael Handford, Universidad de Chile, Chile

Title: Effect Of Drought Stress On Aquaporin Isoforms Expression Level And Lipid Peroxidation Changes In Leaves In Cv. Horozkarası Grapevine Grafted On Different Rootstocks

Mehmet KOC, Kilis 7 December University, Turkey

Title: Enhanced Production of Stilbene Compounds in Plant and Cell Culture Systems

Cha Young KIM, Korea Research Institute of Bioscience and Biotechnology, Korea, Republic of

Title: The lack of AtEgy1 protease leads to quantitative changes of photosystem II apoproteins in *Arabidopsis thaliana*

Robert Lucinski, Adam Mickiewicz University, Institute of Experimental Biology, Poland

Title: Yet to be decided.

Prashanth Tamizhselvan, Masaryk University, CEITEC MU Czech Republic

Title: Expression of Heavy Metal ATPase HMA1 and HMA2 in Brassica juncea and Brassica nigra grown at Different Levels of Cu and Cd.

Nuriye Merakli, Usak University, Turkey

Title: Characterization of NBS-LRR type gene with altered expression in response to Puccinia horiana

Bae Shin Churl, National Academy of Agriculture Sciences Korea, Republic of

Title: A population genomics approach to inferring local movement of plant pathogen vectors (*Bactericera cockerelli*, Hemiptera: Triozidae) among solanaceous hosts.

Carmen Castillo C, National Institute of Agricultural Research, Ecuador

Title: New locus of barley resistance gene to powdery mildew

Jerzy Czembor, Plant Breeding and Acclimatization Institute - NRI, Poland

Title: Evaluation of cultural and wild oat varieties for selected traits affecting the quality of human nutrition.

Havrlentova Michaela, Research Institute for Plant Production, Slovakia

Title: Effect of potato defense responses on development of *Globodera rostochiensis* juveniles

Victoria Lavrova, Institute of Biology, Russia

Title: Immunogenicity of GP4 and GP5 Recombinant proteins of Porcine Reproductive and Respiratory Syndrome Virus Expressed in Transgenic Plants.

Chul Han An, Korea Research Institute of Bioscience and Biotechnology, Korea, Republic of

Title: The role of antioxidant mechanisms in the tolerance of the Negev desert extremophyte, *Anastatica hierochuntica*, to abiotic stress

Prasanna Angel Deva, Ben Gurion University of the Negev, Israel

Title: Transcriptome Profiling of Coffee (*C. arabica* L.) Seedlings Irrigated with Diluted Deep Sea Water

Mesfin Haile, Kangwon National University, Korea

Title: Dead pericarps function as storage for active hydrolases and germination inhibitory substances

Godwin James, Ben Gurion University of the Negev, Israel

Title: Phytochemical composition of essential oil of Croatian endemic species *Centaurea tuberosa* Vis.

Nada Bezic, University of Split, Croatia

Title: Identification and classification of U-box E3 ligases in barley and their responses to drought stress and fungal infection

Seok Keun Cho, YONSEI UNIVERSITY Korea, Republic of

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

Fardad Didaran, Shiraz University, Iran

Title: The ameliorative effects of silicon on salt -stressed Sorghum seedlings and its influence on the activities of Sucrose synthase and PEP carboxylase.

Amani Abdel-latif, Egypt

Title: Performance Of Hylocerus (Cactaceae) Hybrids Under High Temperature Stress

Divya Sravanthi Kumbha, Ben Gurion University of the Negev, Israel

Title: Engineered disease resistance in cotton using gene silencing to knock down Cotton leaf curl Kokhran virus-Burewala and Cotton leaf curl Multan betasatellite

Aftab Ahmad, Government College University, Pakistan

Title: Middle Devonian miospore assemblage biozones of the Sahara, Algeria Synclines: Geological implication and Evidence for Stages Boundaries.

Adnan Kermandji, University of Frere Mentouri Constantine, Algeria

Title: Evaluation of some physiological characteristics of canola (Brassica napus L.) cultivars and Indian mustard (B.juncea L.) in response to salt stress.

Gholamreza Zamani, University of Birjand, Iran

Day 3 September 13, 2017 (Wednesday)

Keynote Presentations

Title: Cascading effects of inbreeding on plant-herbivore interactions.

Kariyat Ramachandran Rupesh Ram, Swiss Federal Institute of Technology, Switzerland

Title: Applications of quantitative cytometry (or cytomics) in plant sciences.

Maria Santos, University of Porto, Portugal

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

Pinelopi Delipetrou, National & Kapodistrian University of Athens, Greece

Title: Aluminium and drought stress: physiological basis and genetic tools to improve tolerance

Ivica Djalovic, Institute of Field and Vegetable Crops, Serbia

Title: Nanotechnology: Introduction and Trends in Plant Disease Control

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

Oral Presentations

Title: TaqMan PCR assay for detection and quantification of Stagonosporopsis tanacetii in pyrethrum seed and seedlings

Md Abdullahil Baki Bhuiyan, The University of Melbourne, Australia

Title: Bursting to life as a Biotech Entrepreneur, Why accelerators matter

John Carrigan, RebelBio SOSV, Ireland

Title: How does indole-3-butyric acid induce adventitious root formation in Arabidopsis thaliana thin cell layers?

Laura Fattorini, Sapienza University of Rome, Italy

Title: There is far more to underutilised cereals than meets the eye.

Acga Cheng, University of Malaya, Malaysia

Title: A ecological approximation for the study of Arbuscular mycorrhizal fungi (AMF) sporulation in mediterranean sand dunes.

Alberto Guillén Bas, University of Valencia, Spain

Title: Plant i-AAA protease controls the turnover of the essential mitochondrial protein import component.

Magdalena Opalinska, University of Wroclaw, Poland

Title: Oat beta-glucan – miracle or reality?

Havrlentova Michaela, Research Institute for Plant Productio, Slovakia

Title: Defense mechanisms in multi-actor relationships: pathogenesis related gene response in agricultural important crops.

Paola Leonetti, Institute for Sustainable Plant Protection, Italy

Title: From seeds to roots: the role of seed-borne endophytes for the composition of the active microbiome of barley roots

Viviane Radl, Helmholtz Zentrum München, Germany

Title: Implementation of the grafting technique on the pollinators used in seedless watermelon cultivation

Samuel Hernandez, Agrocarp, S.A. Guatemala (S.A)

Title: The response of Arabidopsis to three consecutive generations of gamma irradiation and the role of DNA methylation herein.

Jorden van de Walle, University Hasselt, Belgium

Title: Development of leafy head upon microRNA coordination.

Yuke He, Shanghai Institutes for Biological Sciences, China

Title: Effect of tris(3-hydroxy-4-pyridinonate) iron(III) complexes in iron deficiency chlorosis.

Maria Conceicao Rangel, University of Porto, Portugal

Title: Brassinosteroids enhance growth and development of Cicer arietinum under salt stress conditions.

Virendra Kumar Gautam, Deen Dayal Upadhayaya College, Delhi University, India

Title: Contributions of Plant Tissue Culture to Plant Science

Meltem Bayraktar, Ahi Evran University, Turkey

Title: Drought stress and air humidity provoke stomatal functioning

Peiman Zandi, Institute of Environment and Development in Sustainable Agriculture, China

Title: A Novel CBF from Oil Palm that Regulates Abiotic Stress Response and the Ripening Process through Modulation of the Ethylene Signaling Pathway

Siti Nor Akmar Abdullah, Universiti Putra Malaysia, Malaysia

Title: Flow cytometry as a support tool for the identification of semi-cryptic species

Errol VELA, AMAP, Universite de Montpellier, France

Title : Increasing of secondary metabolites against malaria by mutagenesis

Kikakedimau Nakweti Rufin, Regional Center of Nuclear Studies of Kinshasa, Democratic Republic of the Congo

Title: Breeding maize for tolerance to acidic soils: a review

TANDZI NGOUNE Liliane, University of Fort Hare, South Africa

- Title: Molecular Identification and Functional Characterization of a Novel Adenylyl Cyclase from *Glycine max.***
Enetia D Bobo, North West University, South Africa
- 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: Geographical Mapping And Monitoring For The Valuation Of Chili Damping Off In District Lahore.**
Muhammad Ali, Institute of Agricultural Sciences, University of the Punjab, Lahore Pakistan.
- Title: Cultivation Technology of Specialty Mushrooms**
Beharilal Dhar, Mushroom Research Development and Training Center, Gurgaon
- 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: 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 Nowruzzi, 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
Register Now at <http://plant-science-biology-conferences.magnusgroup.org/registration/>