

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: How science can help to ease up the harsh GMO dispute

Ammann Klaus, University of Bern, Switzerland

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: 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 Palnts

Victoria A Piunova, 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: Effect of copper on the plant-bacteria interaction between *Arabidopsis thaliana* and the metal resistant bacterium *Cupriavidus metallidurans* CH34

Bernardo Gonzalez Ojeda, University Adolfo Ibanez, Chile

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: Activation of Innate Plant Immunity as a Sustainable Strategy for Pest Management

Sergio Molinari, IPSP-CNR, Italy

Title: Perspectives on the use of reflectance spectra in the visible/near infrared region to detect the Citrus tristeza virus.

Natalia Tomas 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: Tightly controlled expression of bHLH142 is essential for timely tapetal programmed cell death and pollen development in rice

Rachel Swee-Suak Ko, Academia Sinica, ABRC/BCST, Taiwan, Province of China

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: Electrochemolomic methodology for plant taxonomy

Antonio Domenech-Carbo, University of Valencia, Spain

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: Pedigree anticipates probable industrial implications of sugarcane cultivars

Alberto Acevedo, National Institute of Agricultural Technology (INTA), Argentina

Title: Physiology and metabolism of roots in response to extreme temperatures stress

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

Title: Yet to be decided.

Simona Carfagna, Naples, University "Federico II", Italy

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

Magdalena Opalinska, University of Wroclaw, Poland

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: 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

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: 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.

Miroslava Cuperlovic-Culf, 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: Bursting to life as a Biotech Entrepreneur, Why accelerators matter

John B. Carrigan, RebelBio SOSV, Ireland

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 Quinero 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: 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)

Yogasphree Naidoo, School of Life Sciences, South Africa

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: Integrated Management Of Wetlands In Northern Botswana

Chandrasekar Naidu Kurugundla, Department of Water Affairs, Ministry of Lands, Water and Sanitation, Botswana

Title: Cowpea potential, production constraints and utilization in South Africa

Maletsema Alina Mofokeng, Agricultural Research Council-Grain Crops South Africa

Title: Melilotus indicus: a valuable multipurpose weed for food security

Nidhi Gautam, DaulatRam College, Delhi University Main Campus, India

Title: The switch from skotomorphogenesis to photomorphogenesis triggers the regulatory transition of miRNA biogenesis in Arabidopsis thaliana

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: Improving faba bean for sustainable agriculture in dry areas

Fouad Maalouf, ICARDA, Lebanon

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: Green spots in hot cities: Water economy through oriented root elongation of Mediterranean plants

Chrysanthi Esther Chimona, National and Kapodistrian University of Athens, Greece

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: De novo Assembly and Transcriptome Characterization of Pineapple (*Ananas comosus*) Flower Induction in Response to Ethephon

Chen zhe, Hainan Academy of Agricultural Science, China

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: Functional characterization of ABC transporters in chloroplast

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: Genome-wide Characterization and Analysis of MADS-box Transcription Factor Gene Family Related to Flower Induction in Pineapple (*Ananas comosus*)

Hu Fuchu, Hainan Academy of Agricultural Science, China

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: Trioziidae) 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: Response of kidney bean and pea plants to low temperature stress under polyamines treatment and its role to productivity

Jurga Jankauskiene, Nature Research Centre, Lithuania

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

Elena Rakosy-Tican, Babes-Bolyai University, Romania

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

Ivica Djalovic, Institute of Field and Vegetable Crops, Serbia

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: Geostatistical analysis of soil chemical properties under rice as tool at agronomic research

Joao Fernandes Da Silva Junior, Federal Rural University of Amazonia, Brazil

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.

Acca 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: 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: Comparative evaluation of biochemical changes in tomato (*Lycopersicon esculentum* Mill.) infected by *Alternaria alternata* and its toxins (TeA, AOH and AME)

Mukesh Meena, Banaras Hindu University, India

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 Upadhyaya 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, Université 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: Cucurbitacin-containing phytonematicides induce concentration-responses on selected nutrient elements in leaf tissues of green bean

Phatu William, University of Limpopo South Africa

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

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

Behzad Sadeghzadeh, Dryland Agricultural Research Institute, Iran

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 Nowruzi, Islamic Azad University, Iran

Speaker Slots Available

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During **September 11-13, 2017** at **Valencia, Spain**

