

# GPMB 2018

*2<sup>nd</sup> Global Conference on*

PLANT SCIENCE  
AND MOLECULAR BIOLOGY

*Theme:*

*Accentuate Innovations and  
Emerging Novel Research in Plant Sciences*

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SEPTEMBER 20-22, 2018  
ROME, ITALY

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HOLIDAY INN ROME AURELIA  
VIA AURELIA, KM 8.400, 00165  
ROME, ITALY



@Plant\_GPMB

## Day 1 September 20, 2018 (Thursday) @ Olimpica 2

08:00-08:40 Registrations

Moderator **Krystyna Rybka**, Plant Breeding and Acclimatization Institute- National Breeding Institute, IHAR-PIB, Poland

08:40-09:00 Introduction

### Keynote Presentations

09:00-09:40 Title: How to structure the debate on modern breeding in agriculture?  
Klaus Ammann, University of Bern, Switzerland

09:40-10:20 Title: Why is the mid-southern United States an epicenter for the development of herbicide resistant weeds?  
Thomas C Mueller, University of Tennessee, USA

10:20- 11:00 Title: Tweaking adaptation traits to improve yield in perennial herbaceous crops: Seasonal dormancy as a model  
Ali M. Missaoui, The University of Georgia, USA

### GROUP PHOTO

11:00-11:20 **Coffee Break**

**@ Foyer**

Sessions On: Plant Biotechnology | Plant Science and Plant Research | Plant Genetics and Genomics | Plant Tissue Culture | Plant Pathology and Mycology | Weed Science

Session **Klaus Ammann**, University of Bern, Switzerland  
Chairs : **Thomas C Mueller**, University of Tennessee, USA

11:20-11:40 Title: Effects of Dicamba micro-rates on sensitive crops  
Stevan Knezevic, University of Nebraska-Lincoln, United States

11:40-12:00 Title: A genomic analysis of interactions between a vector-borne phytopathogen and cotton  
Enrique G. Medrano, United States Department of Agriculture- Agricultural Research Service, USA

12:00-12:20 Title: Genetic breeding as a tool to control the pine wilt disease  
Raquel Diaz Vazquez, Lourizan Forest Research Center, Spain

12:20-12:40 Title: High diluted solution of *Thuya occidentalis* changes photosynthetic response curves in tomato plants infected with *Meloidogyne incognita*  
Jose Renato Stangarlin, Western Parana State University, Brazil

12:40-13:00 Title: Transfer of chromatin of wild goatgrasses (*Aegilops* sp.) carrying leaf rust resistance genes into triticale (*x Triticosecale* Wittmack) using chromosome engineering  
Michal Tomasz Kwiatek, Institute of Plant Genetics of the Polish Academy of Sciences, Poland

- 13:00-13:20 Title: ATTRACAP: An innovative attract-and-kill strategy for the control of wireworms  
Beitzen-Heineke Wilhelm, BIO CARE GmbH, Germany
- 13:20-14:20 **Lunch Break** @ Hotel Restaurant
- 14:20-14:40 Title: Seagrass (*Zostera marina*) population genetics in a spatially-structured natural system  
Nahaa M. Alotaibi, Swansea University, United Kingdom
- 14:40-15:00 Title: Genomic analysis of lipid-related genes showed insight to the high oil content in sesame  
Linhai Wang, Chinese Academy of Agricultural Sciences-Oil Crops Research Institute (CAAS-OCRI), China
- 15:00-15:20 Title: Breeding of rice in the agricultural research center “Donskoy”  
Kostylev Pavel, Agricultural Research Center “Donskoy”, Russia
- 15:20-15:40 Title: Nucleolar iron impacts rDNA organization and expression in *A. thaliana*  
Montacie Charlotte, UMR 5096- CNRS/UPVD, France
- 15:40-16:00 Title: Breeding for the ensure the good quality of the Hungarian Persian walnut industry  
Geza Bujdoso, National Agricultural Research and Innovation Centre – Fruitculture Research Institute, Hungary
- 16:00-16:20 **Coffee Break** @ Foyer
- 16:20-16:40 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
- 16:40-17:00 Title: The effect of BC204, a plant bio-stimulant, on the growth of *A. thaliana* and *S. lycopersicon*  
Johannes Loubser, Stellenbosch University, South Africa
- 17:00-17:20 Title: Regulatory divergence in wound-responsive gene expression in domesticated and wild tomato  
Ming-Jung Liu, Academia Sinica, Taiwan
- 17:20-17:40 Title: Biosafety on reliable bacteria application  
Juan Ignacio Vilchez Morillas, Shanghai Center for Plant Stress Biology, Chinese Academy of Sciences, China
- 17:40-18:00 Title: Exploring key cellular processes and candidate genes regulating the primary thickening growth of Moso underground shoots  
Qiang Wei, Nanjing Forestry University, China

END OF DAY 1

## Day 2 : September 21, 2018 (Friday) @ Olimpica 2

Moderator Krystyna Rybka, Plant Breeding and Acclimatization Institute- National Breeding Institute, IHAR-PIB, Poland

### Keynote Presentations

- 09:00-09:40 Title: Redox state components controls the nitrogen-fixing symbiosis between *Medicago truncatula* and *Sinorhizobium meliloti*  
Frendo Pierre, University of Nice Sophia Antipolis, France
- 09:40-10:20 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
- 10:20-11:00 Title: Proteasome regulation in plant development  
Hong-Wei Xue, Chinese Academy of Sciences, China

### Workshop

11:00-11:30 Title: Using new media tools to connect micropropagation scientists, propagators and hobbyists  
Avihai Ilan, Private Consultant, Israel

11:30-11:50 **Coffee Break** @ Foyer

Sessions On: Plant Nutrition and Soil Sciences | Plant Biology | Plant Molecular Biology | Plant and Environment | Plant Diseases | Applications in Plant Science

Session Frendo Pierre, University of Nice Sophia Antipolis, France  
Chairs : Hong-Wei Xue, Chinese Academy of Sciences, China

11:50-12:10 Title: The critical role of silicon in alleviating drought stress and mineral nutrient deficiencies in different crop plants  
Seyed Abdollah Hosseini, Agro Innovation International Roullier Saint Malo, France

12:10-12:30 Title: Regulatory circuits connect early leaf development and senescence in *Arabidopsis thaliana*  
Zentgraf Ulrike, University of Tubingen, Germany

12:30-12:50 Title: New compounds and their application as innovative approach to plant protection against pathogens  
Rafal Kukawka, Adam Mickiewicz University Foundation, Poland

12:50-13:10 Title: Invasion impact of the *Genista etnensis* (Raf.) DC. (Fabaceae) on Mt. Vesuvius  
Adriano Stinca, University of Campania Luigi Vanvitelli, Italy

13:10-13:30 Title: Growth and physiology responses of *Phragmites australis* to drought, flooding and their alternate in inland salt marshes, Northeast China  
Xiaoyu Li, Northeast Institute of Geography and Agroecology, Chinese Academy of Sciences, China

13:30-14:20	<b>Lunch Break</b>	<b>@ Hotel Restaurant</b>
14:20-14:40	Title: The Brassinosteroids (BR) signaling regulation of plant seed number Wen-Hui Lin, Shanghai Jiao Tong University, China	
14:40-15:00	Title: TMK-mediated transcriptional auxin signaling in regulating plant development Tongda Xu, Fujian Agricultural and Forestry University, China	
15:00-15:20	Title: Molecular identification of <i>Macrophomina Phaseolina</i> associated with charcoal rot of melon in Jordan Adel Saleh Hussein Al-Abed, National Center for Agricultural Research and Extension, Jordan	
15:20-15:40	Title: Wound signaling and cell fate transition in plant regeneration Lin Xu, Shanghai Institutes for Biological Sciences, Chinese Academy of Sciences, China	
15:40-16:00	Title: Virus diseases of garlic in Indonesia and potential control measures Sri Hendrastuti Hidayat, Bogor Agricultural University, Indonesia	
16:00-16:20	<b>Coffee Break</b>	<b>@ Foyer</b>
16:20-16:40	Title: Necrotic syndrome associated to the chemira virus carrying a highly structured noncoding RNA Zhao Mingmin, Inner Mongolia Agricultural University, China	
16:40-17:00	Title: SKIP, a splicing factor, links alternative splicing to SWR1 chromatin remodeling complex and controls flowering time in arabidopsis Xiaoxue Wang, Shenyang Agricultural University, China	
17:00-17:20	Title: COP9 SIGNALOSOME 5A protein interacts with FLOWERING LOCUS T (FT) and mediates cell cycle and flowering Soo-Jin Kim, Korea University, Republic of Korea	
17:20-17:40	Title: Identification and characterization of nitrate regulatory genes in plants Yong Wang, Shandong Agricultural University, China	
17:40-18:00	Title: Removal of airborne dust and associated metals by plant leaves Yanju Liu, Beijing Milu Ecological Research Center, China	
18:00-18:20	Title: Biotechnology-based breeding platform for superior abiotic stress tolerance in <i>Carica papaya</i> Jorge M. Santamaría, Scientific Research Centre of Yucatan (CICY), Mexico	

## 11:30-15:00 - Poster Presentations I @ APPIA

PN1800-191	Title: Will die slowly family in <i>Arabidopsis</i> development and their ERK docking sites for the interaction with MAP kinase pathways Tim Xing, Carleton University, Canada
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- PN1800-192 Title: Characterization of a new isoform of starch synthase in *Solanum tuberosum*  
Francois Sevestre, University Lille1, France
- PN1800-193 Title: Mechanisms of isolation of excess salt in leaf tissue of halophytes  
Elena Voznesenskaya, Komarov Botanical Institute Russian Academy of Sciences, Russia
- PN1800-194 Title: The Egy3 – Strongly conserved protein of unknown function  
Robert Lucinski, Adam Mickiewicz University, Poland
- PN1800-195 Title: Screening of triticale winter breeding lines for resistance to *Fusarium* head blight  
Halina Wisniewska, Institute of Plant Genetics, Polish Academy of Sciences, Poland
- PN1800-196 Title: Chemical composition and antifungal activity of the essential oils of *Satureja montana* and *Mentha longifolia*  
M. Pilar Santamarina, Universidad Politecnica de Valencia, Spain
- PN1800-197 Title: Identification and characterization of poliploid plant of PLANT *Heliconia chartacea* var. sexy pink  
Maria Teresa Gomes Lopes, Universidade Federal do Amazonas, Brazil
- PN1800-198 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
- PN1800-199 Title: Is autophagy involved in nitrogen remobilization during plant organs senescence in *Populus trichocarpa*?  
Natalia Wojciechowska, Adam Mickiewicz University in Poznan, Poland
- PN1800-200 Title: Potential antagonist of endophytic microorganisms isolated from *Butia purpurascens* and *Butia archeri*  
Luciana Vitorino, IFGoiano, Brazil
- PN1800-201 Title: Chlorophyll a fluorescence in evaluation of LED light influence on crops of the *Poaceae* family  
Krystyna Rybka, Plant Breeding and Acclimatization Institute- National Breeding Institute, IHAR-PIB, Poland
- PN1800-202 Title: Application of exogenous synthetic strigolactone GR24 on in vitro *Medicago truncatula* plants with modified auxin transport in conditions of phosphate deficiency and excess  
Miglena Revalska, AgroBioInstitute, Bulgaria
- PN1800-203 Title: Stability of resistance to *Fusarium* head blight and *Fusarium* toxin accumulation in winter wheat lines evaluated in the years 2015-2017 in two environments  
Tomasz Goral, Plant Breeding and Acclimatization Institute- NRI, Poland
- PN1800-204 Title: Stimuli from prey induce expression of digestive enzymes in the carnivorous plant of the genus *Nepenthes*  
Andrej Pavlovic, Palacky University, Czech Republic
- PN1800-205 Title: Feedstock production from nickel contaminated land for bioenergy purposes  
Panayiotis Trigas, Agricultural University of Athens, Greece
- PN1800-206 Title: The FLN1, pTAC10 and pTAC16 proteins as potential targets for EGY2 protease  
Malgorzata Adamiec, Adam Mickiewicz University, Poland

- PN1800-207 Title: Absorption of macronutrients influenced by nitrogen fertilization in *Anacardium othonianum* seedlings  
Layara Bessa, IFGoiano, Brazil
- PN1800-208 Title: Impact of silicon (Si) nutrition on barley plants under potassium (K) deficiency: Insight into transcriptional, hormonal and metabolic regulation  
Seyedeh Sara Naseri Rad, The Leibniz Institute of Plant Genetics and Crop Plant Research (IPK), Germany
- PN1800-209 Title: The influence of single color lighting during barley androgenesis on regeneration efficiency  
Patrycja Siedlarz, Plant Breeding and Acclimatization Institute- National Breeding Institute, IHAR-PIB, Poland
- PN1800-210 Title: Assessment method of ensuring the microbial salad safety  
Antanas Sarkinas, Kaunas University of Technology, Lithuania
- PN1800-211 Title: Classification of medicinal plants according to their antioxidant capacity using chromatographic profiles and chemometrics  
Costel Sarbu, Babes-Bolyai University, Romania
- PN1800-212 Title: Genome-wide characterization and analysis of RabGAP gene family related to salt stress tolerant in wild and cultivated tomato species  
Jose Antonio Madrid Espinoza, Universidad de Talca, Chile
- PN1800-213 Title: Variation in plant biochemistry affects acceptance of lupins by the pea aphid  
Bozena Kordan, University of Warmia and Mazury, Poland
- PN1800-214 Title: Effect of light deficit on plant-aphid interactions  
Beata Gabrys, University of Zielona Gora, Poland
- PN1800-215 Title: The functionary mechanism of a soybean gene *GmMCU1* in response to salt stress  
Xu Zhaolong, Jiangsu Academy of Agricultural Sciences, China
- PN1800-216 Titles: The expression of the isoforms of type B methionine sulfoxide reductase in Norway maple (*Acer platanoides* L.) seeds  
Ewa Kalemba, Institute of Dendrology, Polish Academy of Sciences, Poland
- PN1800-217 Title: Genome identification and transferability of microsatellite markers between *Atriplex* species  
Adriana Bastias, Universidad Autonoma de Chile, Chile
- PN1800-218 Title: Downregulation of PHOTOTROPIN 1 in *Solanum lycopersicum* L  
Hlouskova Petra, Palacky University, Czech Republic
- PN1800-219 Title: Next generation transcriptome assembly for *Euterpe oleracea*  
Ananda Virginia de Aguiar, Embrapa Florestas, Brazil

- PN1800-220 Title: Phosphatidic acid, a signal molecule in wheat seedlings under stress conditions and *Trichoderma* presence  
Przemyslaw Bernat, University of Lodz, Poland
- PN1800-221 Title: Behavior of Arsenic species in rice cultivated in soils with *Penicillium* sp. for mitigation  
Bruno Lemos Batista, Universidade Federal do ABC, Brazil

## 15:00-18:00 - Poster Presentations II @ APPIA

- PN1800-123 Title: Wounding induces tomato Ve1 R-gene expression  
Ross N. Nazar, University of Guelph, Canada
- PN1800-124 Title: Wounding induces tomato Ve1 R-gene expression  
Jane Robb, University of Guelph, Canada
- PN1800-125 Title: Shade levels and variety effects on tomato fruit yields  
Jaime Ruiz-Vega, Instituto Politecnico Nacional, Mexico
- PN1800-126 Title: Impacts of titanium dioxide particles on photosynthetic performance and antioxidant system in *Raphanus sativus*  
Ricardo Tighe Neira, Universidad Católica de Temuco, Chile
- PN1800-127 Title: Drivers of alpha and beta vascular plant diversity in a continental archipelago (Ionian Islands, Greece)  
Panayiotis Trigas, Agricultural University of Athens, Greece
- PN1800-128 Title: Use of olive recombinant hydroperoxide lyases for synthesis of green leaf volatiles: Activation and stabilization of enzymes by selected additives  
Sophie Vincenti, University of Corsica , France
- PN1800-129 Title: Antioxidant activity, total phenolic and total flavonoid contents of the methanol extracts of the leaves and stems of milkweed, *Gomphocarpus physocarpus* (E.Mey)  
Yougasphree Naidoo, University of KwaZulu-Natal, South Africa
- PN1800-130 Title: Study of tolerance to natural chilling stress in triploid citrus and potential impact on fruit quality  
Lourkisti Radia, University of Corsica Pascal Paoli, France
- PN1800-131 Title: Production and characterization of intergeneric hybrids between turnip and radish  
Lina Lou, Institute of Vegetable Crops, Jiangsu Academy of Agricultural Sciences, China
- PN1800-132 Title: Cell cycle regulation of the initial division events during de novo root organogenesis in *Arabidopsis*  
Hua Wang, Shanghai Institutes for Biological Sciences, Chinese Academy of Sciences, China
- PN1800-133 Title: Use of biocatalytic processes for the production of value-added compounds from vegetable oils  
Magali Mariani, University of Corsica, France
- PN1800-134 Title: Development and validation of InDel markers for *Capsicum spp* based on whole-genome re-sequencing  
Wang Shubin, Institute of Vegetable Crops, Jiangsu Academy of Agricultural Sciences, China



- PN1800-135 Title: Comparative transcriptome analysis reveals key genes and pathways related to male sterile of eggplant (*Solanum melongena* L.)  
Zhuang Yong, Institute of Vegetable Crops, Jiangsu Academy of Agricultural Sciences, China
- PN1800-136 Title: Impact of harvest season on sensory and phenolic profiles of selected clones of *Cyclopia subternata* (honeybush)  
Gugu Mabizela, ARC Infruitec-Nietvoobij, South Africa
- PN1800-137 Title: Aluminum toxicity differentially affects carbohydrates concentration in *Vaccinium corymbosum* L. cultivars  
Claudio Inostroza-Blancheteau, Universidad Catolica de Temuco, Chile
- PN1800-138 Title: TOR signaling under abiotic stress in plants  
Graciela L. Salerno, Universidad Nacional de Mar del Plata and INBIOTEC-CONICET, Argentina
- PN1800-139 Title: Gene exploring of downy mildew resistance from a *Cucumis hystrix* introgression line of cucumber (*C.sativus* L.)  
Ji Li, Nanjing Agricultural University College of Horticulture, China
- PN1800-140 Title: Whole-transcripts studying of the synthetic allotetraploid cucumis hytivus by Pacbio sequencing technique  
JinFeng Chen, Nanjing Agricultural University College of Horticulture, China
- PN1800-141 Title: Effect of different water conditions on phenolic compounds and tocopherols in mung beans  
Eun-Hye Kim, Konkuk University, Korea
- PN1800-142 Title: AtMYB44 acts as a repressor of *Protein Phosphatase 2C* gene transcription  
Jong-Joo Cheong, Seoul National University, Korea
- PN1800-143 Title: The influence of laser beams and light intensities on Jordan cultivated lentil (*Lens culinaris* Medik) and wheat (*Triticum aestivum* L.) growth and metabolism  
Nisreen A. AL-Quraan, Jordan University of Science and Technology, Jordan
- PN1800-144 Title: Characterization of an E3 ligase regulating the stability of BIN2  
Yu Jeong Jeong, Seoul National University/Inbiofarm Co., Ltd, Korea, Republic of
- PN1800-145 Title: Tapetum PCD retardation is critical for amino acid biosynthesis and aliphatic metabolism during sesame anther development  
Ting Zhou, Oil Crops Research Institute, Chinese Academy of Agricultural Sciences, China
- PN1800-146 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
- PN1800-147 Title: Functional deficiency of phytochrome B improves salt tolerance in rice  
Nam-Chon Paek, Seoul National University, Korea Republic of
- PN1800-148 Title: A new method of de novo shoot organogenesis in *Arabidopsis*  
Minhuan Zeng, Shanghai Institutes for Biological Sciences, Chinese Academy of Sciences, China
- PN1800-149 Title: Morphological and pathogenic characterization of discolored resistant rice  
Muhammad Ashfaq, Institute of Agricultural Sciences, Pakistan

- PN1800-150 Title: Correlation of leaf chlorophyll content and ripening rate in rice under heat stress  
Woonha Hwang, National Institute of Crop Science, Korea, Republic of
- PN1800-151 Title: Characterization of *Southern rice black streaked dwarf virus* in Korea  
Bong Choon Lee, National Institute of Crop Science, Korea, Republic of
- PN1800-152 Title: Treatment of pepper seeds with chitosan increases the activity of chitinase enzyme and enhances seedling emergence in cold test  
Nezar H. Samarah, Jordan University of Science and Technology, Jordan
- PN1800-153 Title: Application of bioregulators Acetylcholine and GABA enhancements yield in soybean plants under water deficiency  
Inae Braga Reis, Universidade Do Oeste Paulista, Brazil
- PN1800-154 Title: S-locus diversity of sweet cherry cultivars in Tunisia  
Azizi Thouraya, National Institute of Research in Rural Water and Forests Tunisia, Tunisia
- PN1800-155 Title: Effects of different nitrogen sources on germination and growth regulation in various nitrogen related mutant  
Sang-Uk, Lee, Kyungpook National University, Korea, Republic of
- PN1800-156 Title: Acetylcholine induces down regulation in GmABA2 and GmLEA3 in soybean plants under water deficit  
Inae Braga Reis, Universidade Do Oeste Paulista, Brazil
- PN1800-157 Title: OsCDF8 delays leaf senescence by regulating JA biosynthesis pathway in rice (*Oryza sativa*)  
Yejin Shim, Seoul National University, Korea, Republic of
- PN1800-158 Title: To be announced  
Tang Zheren, Fudan University, China
- PN1800-159 Title: Melatonin as promoter of germination and development in soybean seeds under to osmotic stress  
Adriana Lima Moro, UNOESTE, Brazil
- PN1800-160 Title: Evaluation of genetic diversity in industrially important Kewda (*Pandanus odorifer* (Forssk.) Kuntze) using ISSR and SSR markers  
Noohi Nasim, Soa University, India

## END OF DAY 2

## Day 3 : September 22, 2018 (Saturday) @ OLIMPICA 2

Moderator Mariska lilly, Cape Peninsula University of Technology, South Africa

### Keynote Presentations

- 09:00-09:40 Title: Technological advances for in vitro culture and genetic enhancement of horticultural crops  
Samir C. Debnath, St. John's Research and Development Centre, Canada

09:40-10:20	Title: Ecological restoration of plants and China's watershed pollution control Zheng Zheng, Fudan University, China
Sessions On: Plant Physiology and Biochemistry   Plant Anatomy and Morphology   Microbiology and Phycology   Phytochemical Analysis   Trends in Plant Science   Agronomy and Agricultural Research	
Session Chairs :	Samir C. Debnath, St. John's Research and Development Centre, Canada Aiming Wang, Agriculture and Agri-Food Canada, Canada
10:20-10:40	Title: Yellow canopy syndrome in sugarcane is caused by a sink source imbalance Frederik C. Botha, Sugar Research Australia Limited, Australia
10:40-11:00	Title: Salt tolerance mechanisms in grasses with salt excretion Nuria Koteyeva, Komarov Botanical Institute Russian Academy of Sciences, Russia
11:00-11:20	<b>Coffee Break</b> <span style="float: right;"><b>@ Foyer</b></span>
11:20-11:40	Title: Effect of high light stress on the photosynthesis of a shade demanding plant: <i>Panax ginseng</i> C.A. Meyer Segret Lea, France Ginseng, France
11:40-12:00	Title: The morphology of the structural elements of Rhododendron and their taxonomic significance Koksheeva Inna, Botanical Garden-Institute FEB RAS , Russian Federation
12:00-12:20	Title: Ethnobotanical study on the medicinal plants in the central-southern Apennine, (Italy) Paola Fortini, University of Molise, Italy
12:20-12:40	Title: Floral morphology and reproductive biology of <i>Asarum sieboldii</i> Miq Svetlana Nesterova, Botanical Garden-Institute FEB RAS, Russia
12:40-13:00	Title: Alkaline/Neutral invertases: Involvement of cytosolic or organellar isoforms in abiotic stress responses in wheat and poplar Graciela L. Salerno, Universidad Nacional de Mar del Plata and INBIOTEC-CONICET, Argentina
13:00-13:20	Title: Effects of magnetic field on peroxidase activity and hardening of new guinea impatiens explants Fardad Didaran, Tehran University, Iran
13:20-14:20	<b>Lunch Break</b> <span style="float: right;"><b>@ Hotel Restaurant</b></span>
14:20-14:40	Title: Microbial source of water for the desert plants Ahmed Z. Abdel Azeiz, College of Biotechnology, Misr University for Science and Technology, Egypt
14:40-15:00	Title: Water Hyacinths as phytoremediation and cyanobacterial bloom control Hongjie Qin, Jiangsu Academy of Agricultural Sciences, China

- 15:00-15:20 Title: Comparative proteomic analyses of two clonal *Fusarium verticillioides* MRC 826 strains that differ in fumonisin production in maize  
Mariska Lilly, Cape Peninsula University of Technology, South Africa
- 15:20-15:40 Title: Gating plant immunity and cell at the nuclear pore  
Yangnan Gu, Tsinghua University, China
- 15:40-16:00 Title: Estimation of nuclear genome size and its correlation with Ty1-copia like LTR retrotransposon and cell phenotypic traits  
Latha Rangan, Indian Institute of Technology Guwahati, India
- 16:00-16:20 **Coffee Break** @ Foyer
- 16:20-16:40 Title: Organic fertilization of fresh market peppermint grown under greenhouse in a newly reclaimed land middle Egypt  
Sherif Shalayet, Agricultural Research Center, Egypt
- 16:40-17:00 Title: Effect of silicon on some physiological and biochemical attributes of barley (*Hordeum vulgare* L.) under salt stress  
Sibgha Noreen, Bahauddin Zakariya University, Pakistan
- 17:00-17:20 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
- 17:20-17:40 Title: Revisiting the past: A case of indigenous vegetables in Africa  
Samuel Darko-Koomson, Instak Agro Enterprise / Africa Agribusiness Management Institute, Ghana
- 17:40-18:00 Title: To be announced  
Somvong Tragoonrung, BIOTEC, Thailand
- 18:00-18:20 Title: Diversity of edible and inedible macrofungi in Turgo tropical forest ecosystem Mount Merapi national park  
Dwiki Prasetya, Yogyakarta State University, Indonesia
- 18:20-18:40 Title: Phenotyping of segregating generations derived from sunflower interspecific crosses (*H. annuus*) and (*H. argophyllus*)  
Muhammad Mubashar Hussain, University of Sargodha, Pakistan

End Note

*We wish to meet you again at our upcoming  
Plant Science Events*

### **Plant Biology and Biotechnology**

March 11-13, 2019 | Singapore

<https://plantbiologyconference.com/>

Email: [plantbiology-2019@magnus-group.org](mailto:plantbiology-2019@magnus-group.org)

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### **Plant Science and Molecular Biology**

June 17-19, 2019 | Rome, Italy

<https://plantscienceconference.com/>

Email: [plantscience@magnus-group.org](mailto:plantscience@magnus-group.org)

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### **Plant Science and Molecular Biology**

September 19-21 | London, UK

<https://plant-science-biology-conferences.magnusgroup.org/>

Email: [plantscience@magnusconferences.com](mailto:plantscience@magnusconferences.com)



#### **Questions? Contact**

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#### **More Information:**

Please visit: <http://plantcongress.com/>