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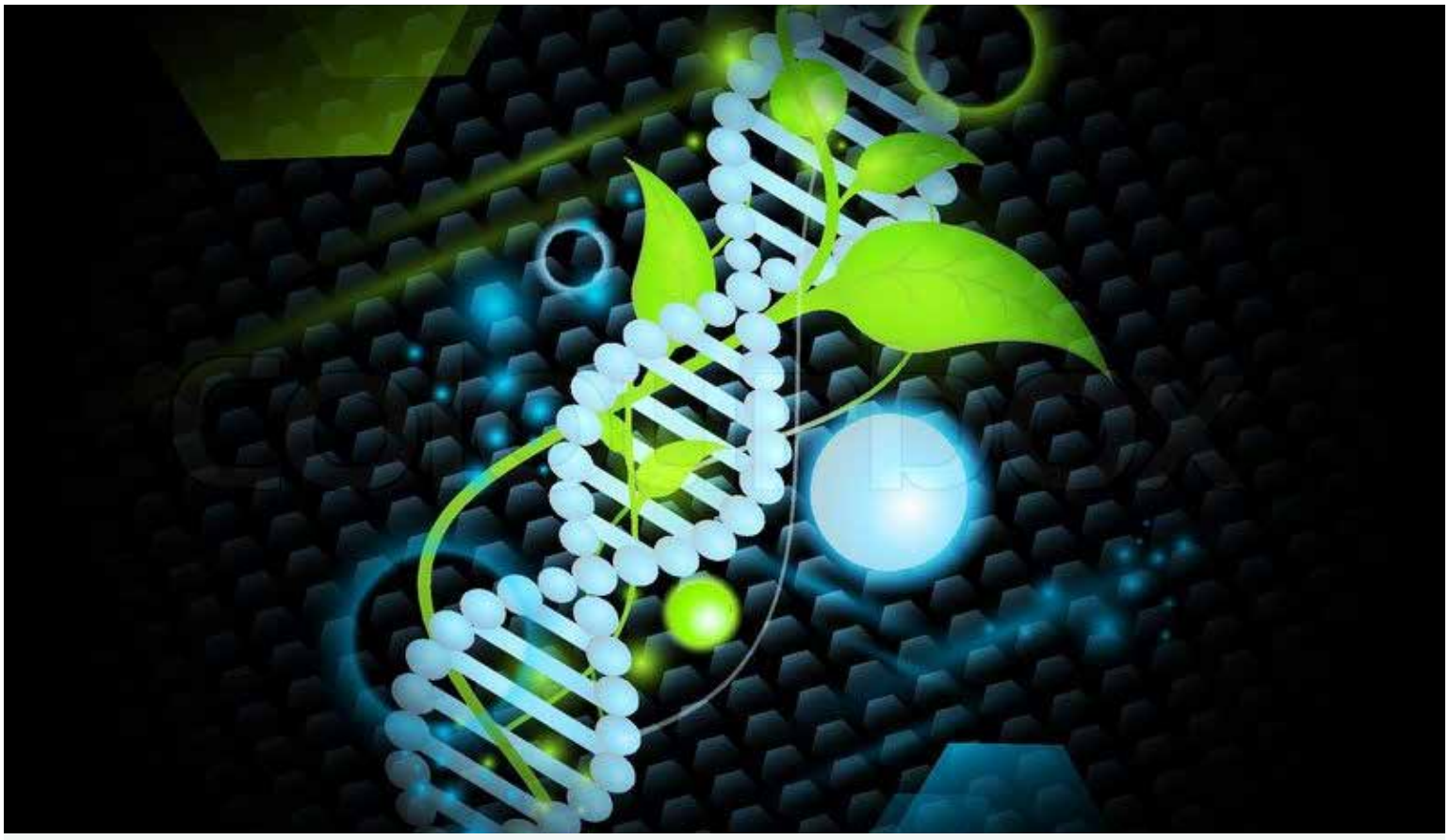
Tentative Program

3rd Global Summit on

Plant Science

August 07-09, 2017 Rome, Italy

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Tentative Program

3rd Global Summit on Plant Science

August 07-09, 2017; Rome, Italy

Program at A Glance

Day 1

Morning Sessions	Registrations @ Reception Desk	08.00-09.00 AM	
		Time	General Session
	Least of 3 Keynote/Plenary Talks	09.00-09.15	Inaugural Address
		09.15-09.45	Keynote/Plenary Talk 1
		09.45-10.15	Keynote/Plenary Talk 2
		10.15-10.45	Keynote/Plenary Talk 3
	Panel Discussions/Group Photo		
	Coffee/Tea Break 10.45-11.00 (Networking)		
	11.00-12.40	Speakers (25 Mins each) (Slot Available)	
Evening Sessions	Lunch Break 12.40-13.30		
	13.30-15.30	Speakers (25 Mins each) (Slot Available)	
	Coffee/Tea Break 15.30-15.45 (Networking)		
	15.45-18.25	Speakers (25 Mins each) (Slot Available)	

Day 2

Morning Sessions		Time	Session 1	Session 2
	Least of 3 Keynote/Plenary Talks	09.15-09.45		
		09.45-10.15		
		10.15-10.45		
	Coffee/Tea Break 10.40-10.55 (Networking)			
	10.55-12.35		Speakers (Slot Available)	Speakers (Slot Available)
Evening Sessions	Lunch Break 12.35-13.25			
	13.25-15.05		Speakers (Slot Available)	Speakers (Slot Available)
	Young Research Forum Sessiom			
	Poster Session			
	Coffee/Tea Break 15.05-15.20 (Networking)			
	15.20-18.00		Speakers (Slot Available)	Speakers (Slot Available)

Day 3

Morning Sessions		Time	Session 1	Session 2
	09.00-10.40		Speakers (Slot Available)	Speakers (Slot Available)
	Coffee/Tea Break 10.40-10.55 (Networking)			
	10.55-12.35		Speakers (Slot Available)	Speakers (Slot Available)
Evening Sessions	Lunch Break 12.35-13.25			
	13.25-15.05		Speakers (Slot Available)	Speakers (Slot Available)
	Coffee/Tea Break 15.05-15.20 (Networking)			
	Awards & Closing Ceremony			

NOTE: Program Schedule is subject to change with final allotment of the speaker slots

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Opening Ceremony

Introduction

Title: Association genetics of kernel size, a competent of sink strength, in a historical US population wheat
Mohsen Mohammadi, Purdue University, USA
Title: Natural products from Brazilian Biodiversity, a source of new templates for medicinal chemistry
Vanderlan da S. Bolzani, Sao Paulo State University, Brazil
Title: Rapid development of a Castor cultivar with increased oil content
Grace Chen, U.S. Department of Agriculture, USA
Title: Enhancing NGS performance through improvements in template preparation procedure
Caroline Janitz, Western Sydney University, Australia
Title: Usage of microalgae in assessing toxicity of heavy metals
Abdullah Hamad Aljwayir, Al-Imam Mohammed bin saud Islamic university, Saudi Arabia
Title: RNA spray fights fungus
Aline Koch, Justus Liebig University, Germany
Title: Genome to phenome predictions, step 1: Can temporal dynamics in biomass allocation increase the likelihood of the (projected) yield for different accessions of *Brassica rapa*?
Carmela R. Guadagno, University of Wyoming, USA
Title: Association genetics and candidate gene identification for root length and branching in a historical and modern US wheat population
Mohsen Mohammadi, Purdue University, USA
Title: Cytotoxic, antidiabetic and anti-inflammatory activities of selected Algerian medicinal plants: From traditional use to scientific validation
Djebbar Atmani, University of Bejaia, Algeria
Title: Anti-ulcer activities of a local plant from Algeria, Clematis flammul
Dina Atmani-Kilani, University of Bejaia, Algeria
Title: Roles of *Arabidopsis* ALDH10 enzymes in plant development and stress resistance
Florian Jacques, University of Technology of Compiegne, France
Title: The *Arabidopsis thiamin* deficient mutant pale green1 lacks *thiamin* monophosphate phosphatase of the vitamin B1 biosynthesis pathway
Ming-Hsiun Hsieh, Institute of Plant and Microbial Biology, Taiwan

Speaker Slot Available
Speaker Slot Available

Title: Transcriptome analysis of dwarf soybean derived from crossing of *G. max* and *G. soja*
Chanseok Shin, Seoul National University, South Korea
Title: Study of the mechanisms underlying tomato innate immunity mediated by two Bwr12 genes
Chiu-Ping Cheng, National Taiwan University, Taiwan
Title: Genome-wide screening and functional characterization of long intergenic noncoding rnas in *Arabidopsis*
Choonkyun Jung, Seoul National University, South Korea
Title: The roc10, a rice hd-zip transcription factor gene, modulates lignin biosynthesis for drought tolerance
Ju-Kon Kim, Seoul National University, South Korea
Title: Effects of acute ozone exposure on the release of stress volatiles, and the expression of a monoterpene synthase gene in *Nicotiana tabacum* leaves through recovery
Arooran Kanagendran, Estonian University of Life Sciences, Estonia
Title: Regulation of floral terpenoid emission and biosynthesis in sweet basil (*Ocimum basilicum*)
Jiayan Ye, Estonian University of Life Sciences, Estonia
Title: Polyamines and flavonoids of bee pollen with anti-tyrosinase and antioxidant activity
Mi Kyeong Lee, Chungbuk National University, South Korea
Title: Investigation of certain elicitor´s effect on some gene´s (TXS, TBT, and DBAT) relative expression level and paclitaxel production in *Taxus baccata* cell suspension culture
Mokhtar Jalali Javaran, Tarbiat Modares University, Iran
Title: The molecular characteristic of *Heliotropium digynum* in Saudi Arabia by inter-simple sequence repeat (ISSR) analysis
Mona ALWahaibi, King Saud University, Saudi Arabia

Title: Impacts of grapevine leafroll-assosiated virus 3 on antioxidative compounds and activities of some enzymes linked to malate and nitrogen metabolism in grapevine (*Vitis Vinifera*) leaves
Nargiz F Sultanova, Institute of Molecular Biology and Biotechnology, Azerbaijan
Title: Production of marker-free transgenic tomato and apple plants using inducible site-specific recombinase and a bifunctional selectable gene
Sergey Dolgov, Nikita Botanical Gardens, Russia
Title: To flower or not to flower? The crucial decision of *Lilium longiflorum* bulbs
Silit Lazare, Ben Gurion University, Israel
Title: Germplasm identification and salinity- -tolerant gene isolation on *G. hirsutum L.*
Wu-wei YE, Chinese Academy of Agricultural Sciences, China
Title: The introgression of two sub-populations and their highly divergent regions
Xiongming Du, Chinese Academy of Agricultural Sciences, China
Title: Novel identification of CBF genes in rye and phylogenetic relationship in the *Triticeae*
Yong Weon Seo, Korea University, South Korea
Title: Construct a high-density genetic map in upland cotton and its application to genetic regulation analysis for yield and fiber quality traits
Youlu Yuan, Chinese Academy of Agricultural Sciences, China
Title: Breadfruit (*Artocarpus altilis*) gibberellin metabolic genes: Stem elongation and abiotic stress response
Yuchan Zhou, University of the Sunshine Coast, Australia
Title: Barley stem reserves and yield maintenance under terminal drought: Molecular dissection of fructan biosynthesis and remobilization
Zahra Sadat Shobbar, Agriculture Biotechnology Research Institute of Iran, Iran

Speaker Slot Available
Speaker Slot Available

Title: RNA-seq analysis reveals host plant transcriptomes in response to *Agrobacterium*-mediated transformation
Zhanyuan J. Zhang, University of Missouri, USA
Title: Study of the aromatic and medicinal plant *Origanum compactum, bentham,* 1834 and her toxicity on larvae of *Culex pipiens Linnée,* 1758 in algeria
Amel Aouati, University of Constantine, Algeria
Title: Inferring salt and water distribution in an irrigated crop field using electromagnetic induction techniques
Leon D van Rensburg, Univ of the Free State, South Africa
Title: Effect of water stress of the substrate on seeds germination of *Abies numidica* De Lannoy in Algeria
Malika HACHI-ILLOUL, Hassiba ben Bouali University, Algeria
Title: Enhanced antibacterial activity of *Senna oxidentalis L.*mediated silver nanoparticles
Farah Khan, Lahore College for Women University, Pakistan
Title: Impact of climate change on crop yield
Nitin N Bharadiya, Sardar Vallabhbhai National Institute of Technology, India
Title: Molecular marker based analysis of the genomic changes in diploid and neo -autotetraploids of Vigna radiata (L) Wilczek and Vigna mungo (L) Hepper
Satyawada Rama Rao , North-Eastern Hill University, India
Title: Light emitting diodes role in green control of agricultural pests
Rania Ahmed Abd El-Wahab, Agricultural Research Center, Egypt
Title: Characterizing infiltration and internal drainage of South African dryland soils
Sabelo Mavimbela, University of the Free State, South Africa
Title: Potential of waste canola cooking oil as a legitimate source of biodiesel production
Salma Khan, Comsats institute of information technology, Pakistan
Title: *Nauclea pobeguinii* and *Uapaca togoensis* has the potential to fight against multi-drug resistant (MDR) gram negative bacteria and cancer cells lines
Armel Jackson SEUKEP, University of Dschang, Cameroon
Title: Glandular tichomes as a barrier against atmospheric oxidative stress
Shuai Li, Estonian University of Life Sciences, Estonia
Title: Phytosociological studies of *Panicum maximum* (jacq) in Imo state university
Umeoka Nkiru, Imo State University, UK
Title: Antifungal effect and phytochemical screening of *Telfairia occidentalis* (hook f.) leaf extracts
Umeoka Nkiru, Imo State University, UK
Title: The chemical forms of Fe used as in vivo substrate in uptake process of chloroplast
Brigitta Lantos, Eotvos Loránd University, Hungary
Title: The effect of exogenous applications of salicylic acid at different growth stages to Iraqi wheat cv. *Tamooz 2* on the up-regulation of the drought response regulon
Fakhriya M. Kareem, Plymouth University, UK
Title: Influence of plant height on *chrysanthemum* transformed with SHI (Short Internodes related genes)
Eun-Jung Suh, National Institute of Agricultural Science, South Korea

Title: Survey of five *Artemisia* species with different artemisinin contents in view of relative expression of 13 genes involved in artemisinin production, karyology, and nuclear DNA content
Ghasem Karimzadeh, Tarbiat Modares University, Iran
Title: Complementary interaction of two starch biosynthesis genes confers a mild sugary endosperm in rice
Hee-Jong Koh, Seoul National University, South Korea
Title: A new diagnostic multiplex polymerase chain reaction scheme for three species of *Pantoea* threatening rice production in sub-Saharan Africa
Kini Kossi, University of Montpellier , South Africa
Title: A new species of the genus *Malenchus (Nematoda; Tylenchidae)* from the rhizosphere of forest trees in northern Iran
Majid Pedram, Tarbiat Modares University, Iran
Title: A blend of volatile compounds emitted from *Alcaligenes faecalis* modulated hormonal pathways and ion transporters to induce salt tolerance in *Arabidopsis thaliana*
Yong Hoon Lee, Chonbuk National University, Republic of Korea
Title: The effect of sowing rate and variety on the yield, protein content and height of faba beans
Margit Olle, Estonian Crop Research Institute, Estonia
Title: The role of pollination in the reproduction of aposporic *Crataegus tanacetifolia (Rosaceae)*
Aslıhan Cetinbas Genc, Marmara University, TURKEY
Title: Analysis of OsmiR399 expression and down-regulation of LTN1 in rice
Minkyun Kim, Seoul National University, South Korea
Title: Identification of gene sequences involved in chicoric acid biosynthesis pathway in *Echinacea purpurea* through RNA-SEQ transcriptome analysis
Mohammad Sadegh Sabet, Tarbiat Modares University, Iran
Title: Investigation of certain elicitor´s effect on some gene´s (TXS, TBT, and DBAT) relative expression level and paclitaxel production in *Taxus baccata* cell suspension culture
Mokhtar Jalali Javaran, Tarbiat Modares University, Iran
Title: Natural herbicide resistance in Sri Lankan rice (Oryza sativa l.) varieties for broad-spectrum herbicides; glyphosate and glufosinate
S. R. Weerakoon, The open University of Sri Lanka, Sri Lanka
Title: In-vitro ripening stage mimicry of apple *Malus x domestica 'Royal Gala'* cell cultures
Siti Khadijah A. Karim, Universiti Teknologi MARA, Malaysia
Title: Genome-wide characterization of the *Brassica rapa* genes encoding serine/arginine-rich proteins: Regulation of alternative splicing events by abiotic stress and hormone treatments
Soo In Lee, National Institute of Agricultural Sciences, South Korea
Title: Apomixes in sugar beet breeding
Sureyya Gulfem Altunbay, Sugar Institute, Turkey
Title: Diploid Perilla de novo Genome sequencing
Tae-Ho Kim, National Institute of Agricultural Science, South Korea

Speaker Slot Available
Speaker Slot Available
Speaker Slot Available

Note: Tentative Program has been designed with the projected speakers names and titles, dates for this program are subject to change
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Major Scientific Sessions

- Plant Tissue Culture and Plant Biotechnology
- Plant Genomics
- Plant Genetics and epigenetics
- Plant Breeding and Molecular Breeding
- Plant Pathology and Plant-Microbe Biology
- Nanotechnology and Plant Sciences
- Medicinal and Aromatic Plant Sciences
- Plant Physiology and Biochemistry
- Plant Morphology and Plant Metabolism
- Soil science and soil-plant nutrition
- Agricultural Science
- Plant & Forest Ecology and its Diversity
- Horticulture, Landscaping and Forest Science
- Plant Environmental Sciences and Forest ecosystems
- Seed Science and Technology
- Plant Synthetic Biology and Plant Transcriptome
- Plant Science and Natural Products
- Plant Biodiversity and conservation, Tree ecosystem
- Plant Root and Tree Root System
- Post-Harvest Technology of Agriculture-Oilseeds & Pulses
- Plant/Agriculture - Industrial Byproducts Entrepreneurs Investment B2B

Best Poster Award



- You will be given about 5-7 minutes to present your poster including questions and answers. Judges may pose questions during the evaluation of the poster
- Judges will even evaluate the student's enthusiasm towards their study, interest and knowledge in the area of their research
- The winners will be announced at the closing ceremony of the conference. The decision of the winner will be withdrawn if the winner/winners is/are not present at the time of announcement
- Apart from the judging time you may also be present at the poster to share your research with interested delegates



Young Researchers Forum

- Present your research through oral presentations
- Learn about career development and the latest research tools and technologies in your field
- This forum will give pertinent and timely information to those who conduct research and those who use and benefit from research
- Develop a foundation for collaboration among young researchers
- The forum will provide an opportunity for collegial interaction with other young investigators and established senior investigators across the globe
- Interact and share ideas with both peers and mentors

General Queries
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About Rome

Rome is the capital of Italy; it is also the country's largest and most populated comune and fourth-most populous city in the European Union. The Metropolitan City of Rome has a population of 4.3 million residents. The city is located in the central-western portion of the Italian Peninsula, within Lazio (Latium), along the shores of Tiber River. Vatican City is an independent country within the city boundaries of Rome, the only existing example of a country within a city: for this reason Rome has been often defined as capital of two states. Roman mythology dates the founding of Rome at only around 753 BC; the site has been inhabited for much longer, making it one of the oldest continuously occupied cities in Europe. It is referred to as "Roma Aeterna" (The Eternal City) and "Caput Mundi" (Capital of the World), two central notions in ancient Roman culture. One of the most important city, Rome, was founded in 753 B.C. by Romulus. The Apennine Mountains form its "backbone" and stretch from north to south, with the Tiber River cutting through them in central Italy. Along the northern border, the Alps serve as a natural boundary. The three major bodies of water surrounding Italy are the Adriatic Sea, the Ionian Sea, and the Mediterranean Sea. Ancient Rome is characterized by the seven hills and the Tiber River. The Tiber River flows from the Apennine Mountain, to the Tyrrhenian Sea.

Rome is a nationwide and major international center for higher education, containing numerous academies, colleges and universities. According to the City Brands Index, Rome is considered the world's second most historically, educationally and culturally interesting and beautiful city.



Glimpses of Plant Science

















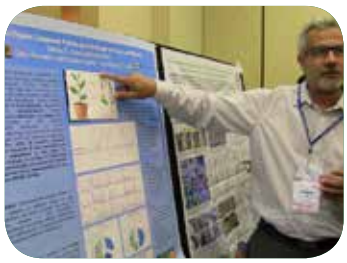
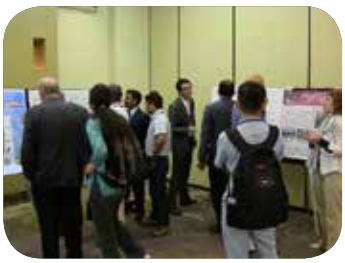
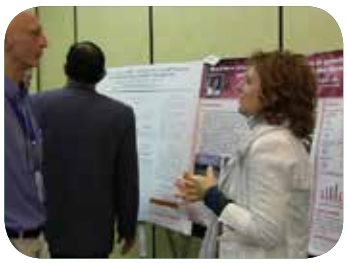
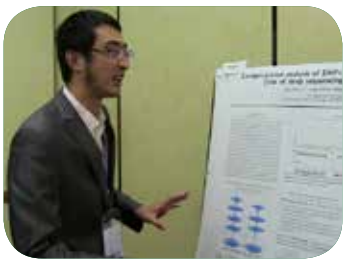




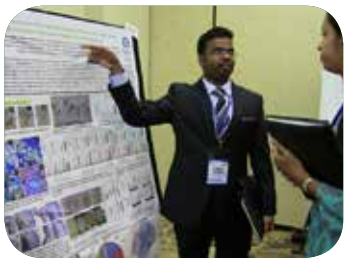
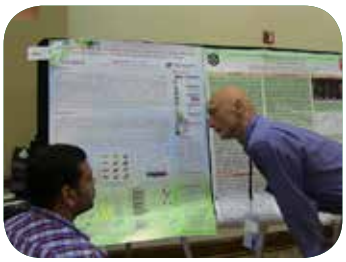




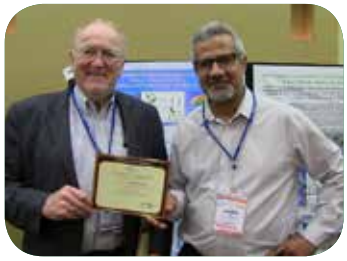


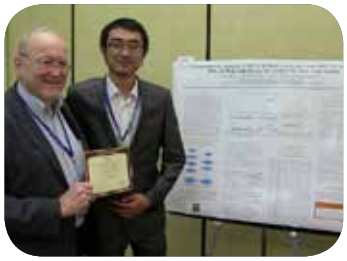






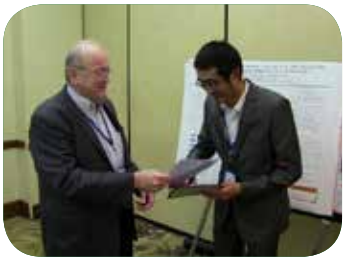

Glimpses of Plant Science













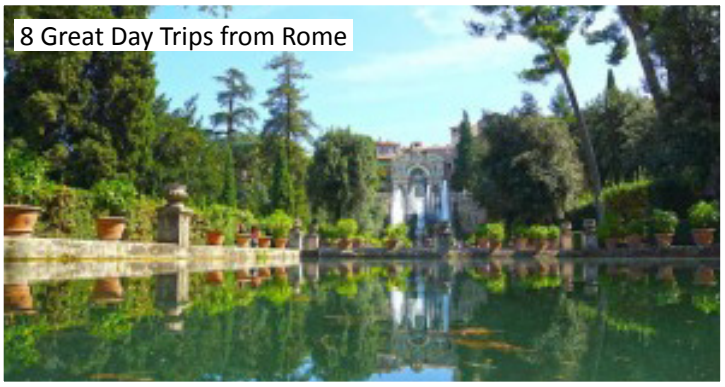


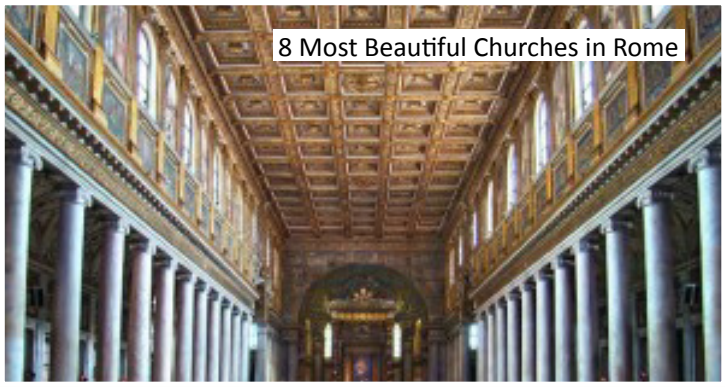







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730th Conference

Scientific Program

Proceedings of

2nd Global Summit on

PLANT SCIENCE

October 06-08, 2016 London, UK



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Scientific Program

Day 1 October 06, 2016

Registrations

Concorde Suite 3

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Opening Ceremony

Keynote Forum

Introduction

Title: The tomato expression atlas: A new platform and database for interrogating fruit crop gene expression and co-expression with cell-type resolution

Jocelyn K C Rose, Cornell University, USA

Title: Gall inducers and host plants: Engineers of habitats and the importance of understanding the changes in plant metabolism

André Luis de Alcantara Guimarães, Federal University of Rio de Janeiro, Brazil

Networking & Refreshment Break @ Concorde Foyer

Title: Genetic and agronomic approaches to reducing the acrylamide-forming potential of wheat

Nigel G Halford, Rothamsted Research, UK

Title: Bee-flower interactions and biodiversity

Aluri Jacob Solomon Raju, Andhra University, India

Special Session

Titel: A new model of global redox carbon cycle and photosynthesis development

Alexander Ivlev, Russian State Agrarian University of K. A. Timiryazev, Russia

Session:

Plant Tissue Culture and Plant Biotechnology | Plant Breeding and Molecular Breeding | Nanotechnology and Plant Sciences | Seed Science | Plant Pathology and Plant-Microbe Biology | Plant Synthetic Biology | Plant Environmental Sciences

Session Chair: Kevin Yueju Wang, Northeastern State University, USA

Session Co-chair: Synan AbuQamar, United Arab Emirates University, UAE

Session Introduction

Title: Seed-derived plasminogen activators (t-PA and DSPAα1) dissolve fibrin and blood clot

Kevin Yueju Wang, Northeastern State University, USA

Group Photo

Lunch Break @ Aromi Resturant

Title: Production of pharmacologically active compounds via plant tissue culture

Somika Bhatnagar, National University of Singapore, Singapore

Title: Aluminium toxicity and signal transduction in cell suspensions of *Coffea arabica*

Teresa Hernández Sotomayor, Centro de Investigacion Cientifica de Yucatan, México

Title: Application of plant tissue culture techniques for bio- resources recovery

Rakhi Chaturvedi, Indian Institute of Technology Guwahati, India

Title: Protocol for synthetic seeds production in nabq (*Ziziphus spina-christi* L)

Doaa S Elazab, Assiut University, Egypt

Title: The influence of genomic contamination on the performance of Illumina strand-specific RNA-Seq

Caroline Janitz, Western Sydney University, Australia

Networking & Refreshment Break @ Concorde Foyer

Title: Identification of genes involved in responses to environmental stress using reverse genetic approaches

Synan AbuQamar, United Arab Emirates University, UAE

Title: Elicitation: An effective strategy for the biotechnological production of bioactive compounds

Sedigheh Esmaeilzadeh Bahabadi, University of Zabol, Zabol, Iran

Title: Rice strategy for Nepal

Bhaba Prasad Tripathi, International Rice Research Institute (IRRI), Philippines

Title: Maize host resistance to *Aspergillus flavus* infection/aflatoxin contamination through breeding and omics

Robert L Brown, USDA Agricultural Research Service, USA

Panel Discussion

Session Adjournment

Day 2 October 07, 2016

Concorde Suite 3

Keynote Forum

Introduction

Title: Transgenic approaches to control aflatoxin contamination in maize and cottonseed

Kanniah Rajasekaran, USDA-ARS, USA

Title: Restructuring vegetable fats for better infant nutrition

Harrie van Erp, Rothamsted Research, UK

Networking and Refreshments @ Concorde Foyer

Title: Metabolic engineering for improved hydroxy fatty acid production in *Lesquerella*

Grace Chen, U.S. Department of Agriculture, USA

Sessions:

Agricultural Science | Horticulture and Landscaping | Plant Science and Natural Products | Plant Biodiversity and conservation | Plant Physiology and Biochemistry | Soil Science and Soil-plant Nutrition | Plant Genomics | Plant Genetics and Epigenetics

Session Chair: Abhishek Mani Tripathi, Global Change Research Center ASCR, Czech Republic

Session Co-chair: Rajinder Singh, Malaysian Palm Oil Board, Malaysia

Session Introduction

Title: Adaptation to climate change (micro) in agroforestry systems

Abhishek Mani Tripathi, Global Change Research Center ASCR, Czech Republic

Title: Pollen tube guidance: The interplay between male and female gametophytes

Wei-Cai Yang, Institute of Genetics and Developmental Biology, China

Title: Genomics guided breeding for oil palm improvement

Rajinder Singh, Malaysian Palm Oil Board, Malaysia

Title: Prediction of agro meteorological rice yield models for surat district, India

Vivek L Manekar, S V National Institute of Technology, India

Title: Agro-climatic sugarcane yield model for Surat district, India

Nitin Bharadiya, S V National Institute of Technology, India

Lunch Break @ Aromi Resturant

Title: Farmers perceived effects of soil degradation on the yield of improved cassava varieties in south east Nigeria

Nwaiwu Juan Chinatu, Imo State University Owerri, Nigeria

Title: Enhancing the biosynthesis of essential oil and bioactive compounds in *Agathosma betulina* using *in vitro* micropropagation technique

Ambrose Okem, Cape Peninsula University of Technology, South Africa

Title: Ethno-botanical studies on medicinal plants used for the treatment of skin infections in the Eastern Cape, South Africa

Learnmore Kambizi, Cape Peninsula University of Technology, South Africa

Title: Evaluation of ginger (*Zingiber officinale*) extracts on quality of stored tomatoes

Ogbuehi Hyginus chikaodi, Imo State University, Nigeria

Title: Development of SCAR markers in date palm (*Phoenix dactylifera* L.) and jojoba (*Simmondsia chinensis Schneider*) for early sex identification

Pushpa Kharb, CCS Haryana Agricultural University, India

Poster Session@ Concorde Foyer

Networking & Refreshment Break @ Concorde Foyer

Young Researcher Forum

YRF Judge: Grace Chen, U.S. Department of Agriculture, USA

Title: The lack of aluminium has a negative impact on *Qualea dichotoma* (mart) warm (*Vochysiaceae*) metabolism and anatomical structure

Michelle Fayad-Andre, University of Brasilia, Brazil

Title: GC-MS-based metabolic analysis to help unravelling the biological role of aluminium (Al) in Qualea grandiflora Mart. (*Vochysiaceae*)

Renata Cristina Costa e Silva, University of Brasilia, Brazil

Title: High utilization efficiency of Nitrogen and phosphorus nutrient in crops

Wenzhu Yang, Chinese Academy of Agricultural Sciences, China

Title: The place of adequate plant nutrition in future plant disease management

Idorenyin Antigha Otung, Akwa Ibom State University, Nigeria

Title: Genetic diversity of some cowpea (*Vigna unguiculata l. Walp*) landraces from nigeria base on microsatellite markers

Iseghohi Innocent O, Federal University, Nigeria

Title: The efficacy of *Aloe vera* gel in post procedural wound care after fractional 1550 nm erbium-doped fiber laser

Montree Udompataikul, Srinakharinwirot University, Thailand

Panel Discussion@

Poster Presentations @ Concorde Foyer

Poster Judge: Kanniah Rajasekaran, USDA-ARS, USA

Title: Bioactive compounds identification and antibacterial activity of the essential oil of *chamomile* and *yarrow* species

Banaz Mahmood, Plymouth University, UK

Title: Tissue-specific expression of *Arabidopsis* Toc homologous genes encoding plastid protein receptors by transgenic plants

Chih-Wen Sun, National Taiwan Normal University, Taiwan

Title: Transcriptome analysis of *Cucumis metuliferus-Meloidogyne incognita* interaction reveals key genes that play important role in resistance to the pest

Deyou Ye, Gansu Academy of Agricultural Sciences, China

Title: A light-regulated transcription factor can regulate lycopene accumulation in tomato fruit

Hsu-Liang Hsieh, National Taiwan University, Taiwan

Title: Studies of abiotic and biotic stress in suspension cells of *Capsicum chinense* Jacq

Munoz-Sanchez Jose Armando, Centro de Investigación Científica de Yucatán, Mexico

Title: Molecular mapping of adult plant stripe rust resistance in durum wheat

Naeela Qureshi, University of Sydney, Australia

Title: Development of ISSR markers specific to mint species

Nidaf Khan, Central Institute of Medicinal and Aromatic Plants, India

Title: Seasonal soil nitrogen dynamics management and its effect on rice agronomic performances in the rainfed lowland cropping system of Burkina Faso

Poulouma Louis Yameogo, University of Bonn, Germany

Title: Biochemical comparison of two cytotypes (diploid & tetraploid) of *Physalis angulata* L., an important medicinal plant

Raman Preet, Punjabi University, India

Title: Effect of nano packing and aluminum on deterioration of soybean and corn seed in different storage condition

Farhad Barazandeh, Shaqra University, Iran

Title: Water-use efficiency and epicuticular wax load in bloom and bloomless phenotypes of *Sorghum bicolor* L

Salma Bibi, Texas A & M University, USA

Title: Cryopreservation of *Citrus maxima* embryonic axes using advanced cryo-techniques and establishment of base collection

Sukhdeep Kaur, ICAR-National Bureau of Plant Genetic Resources, India

Title: The intergenic region of the maize defensin-like protein genes Def1 and Def2 functions as an embryo-specific asymmetric bidirectional promoter

Xiaoqing Liu, Chinese Academy of Agricultural Sciences, China

Title: Characterisation of responses of tomato (Solanum lycopersicum) genotypes to root-knot nematode (*Meloidogyne incognita*)

Seloame T Nyaku, University of Ghana, Ghana

Day 3 October 08, 2016

Extended Networking & Lunch @ Aromi Resturant

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Scientific Program

Global Summit on

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Scientific Program

Day 1 **September 21, 2015**

Registrations

Texas-C

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Opening Ceremony

Keynote Forum

Introduction

Grace Chen
U.S. Department of Agriculture, USA

Group Photo

Networking & Refreshment Break @ Foyer

Nurul Islam-Faridi
USDA Forest Service, USA

Track 1: Plant Physiology and Biochemistry
Track 2: Plant Tissue Culture and Plant Biotechnology
Track 3: Agricultural Science
Track 12: Horticulture and Landscaping

Session Chair: Grace Chen, U.S. Department of Agriculture, USA
Session Co-chair: Niranjan Baisakh, Louisiana State University Agricultural Center, USA

Session Introduction

Title: Capturing natural variations in an extremophile for translational genomics of stress tolerance in crops
Niranjan Baisakh, Louisiana State University Agricultural Center, USA
Title: Phospholipases are involved in hypoxia-induced intracellular calcium and ros signaling in *Arabidopsis thaliana*
Sylvia Lindberg, Stockholm University, Sweden
Title: Transgenic tobacco plants expressing *ACR2* gene of *Arabidopsis thaliana* exhibit reduced accumulation of arsenics and increased tolerance to arsenate
Abul Mandal, University of Skövde, Sweden
Title: Abscisic acid inducible mitogen-activated protein kinase kinase kinases in *Arabidopsis*; their roles in abscisic acid signaling and utilization for plant biotechnology
Daisuke Matsuoka, Kobe University, Japan

Lunch Break @ Texas-C

Title: *In-vitro* production, analysis and characterization of Betalains from *Talinum triangular* (jacq) wild - A valuable medicinal herb
Swarna J, Loyola College, India
Title: Structural characterization and a cyto-molecular map of chestnut (*castanea* spp)
Nurul Islam-Faridi, USDA Forest Service, USA
Title: Influence of nitrogen supply on photosynthesis, chlorophyll content and yield of improved rice varieties under upland conditions in western Kenya
Phoebe Sikuku, Maseno University, Kenya
Title: Some unexpected features of the populus genome
Gerald A Tuskan, Oak Ridge National Laboratory, USA

Networking & Refreshment Break @ Foyer

Title: Structural analyses of flavin-binding photoreceptors by fourier transform infrared (ftir) spectroscopy
Tatsuya Iwata, Nagoya Institute of Technology, Japan

Title: Somatic embryogenesis in Pelargonium sidoides dc: An important African traditional medicinal plant
Vijay Kumar, University of KwaZulu-Natal Pietermaritzburg, South Africa
Title: Optimization of growth of Spirulina platensis in photo- bioreactor for production of bioactive constants; 2- lipophilic constituents
Gamal El-Baroty, Cairo University, Egypt

Panel Discussion

Day 2 September 22, 2015

Texas-C

Keynote Forum

Introduction

Russel J Reiter
University of Texas Health Science Center, USA

Track 4: Plant Pathology and Weed Science
Track 5: Medicinal and Aromatic Plant Science
Track 6: Plant Morphology and Metabolism
Track 11: Plant Genetics and Epigenetics

Session Chair: Ajith Anand, DuPont Pioneer, USA
Session Co-chair: Hsin-Sheng Tsay, University of Technology, Taiwan

Session Introduction

Title: The power and promise of citrus tristeza virus based vector in controlling citrus huanglongbing
Nabil Killiny, University of Florida, USA

Networking & Refreshment Break @ Foyer

Title: Prospects in medicinal plants: Strategies for the future
Naseem Ahmad, Aligarh Muslim University, India
Title: Herb-based functional foods: From laboratories to the market
Hsin-Sheng Tsay, University of Technology, Taiwan
Title: Gene targeting approaches in corn
Ajith Anand, DuPont Pioneer, USA
Title: How gamete micromanipulation and cell engineering can contribute to establishing a time scale for performing transcriptomics studies in wheat (*Triticum aestivum* L.) during fertilisation and proembryo formation
Zsolt Pónya, Kaposvár University, Hungary

Lunch Break @ Texas-C

Young Research Forum

Title: Prospective of melatonin in crop production
Dun-Xian Tan, University of Texas Health Science Center, USA
Title: Plant anatomy related to pathogen infection
Joao Paulo Rodrigues Marques, University of Sao Paulo, Brazil
Title: Short term effect of alternative fertilizers on growth and physiologic performances of London plane and sycamore
Manuela Baietto, University of Milan, Italy
Title: Emp16 is required for mitochondrial nad2 intron 4 cis-splicing and seed development in maize
Zhihui Xiu, The Chinese University of Hong Kong, Hong Kong

Networking & Refreshment Break @ Foyer

Poster Presentations @ Texas-A

Title: Effect of the Infection with Candidatus Laberibacter asiaticus (CLas) and/or Infestation with the Asian Citrus Psyllid (ACP) on Citrus Leaf Pigments Content
Yasser Nehela, University of Florida, USA
Title: Quantitative changes of peroxidase and catalase activity and gene expression in some potato cultivars challenged against Ralstonia solanacearum
Eman El-Argawy, Damahnour University, Egypt

Title: Rhizosphere microbial communities associated with cover crops inoculated with Azospirillum brasilense and dried with glyphosate
Jhovana Escobar, Stanford University School of Medicine, Argentina

Title: Distribution of beehives in relation to tree species and forest cover in coffee landscape of Gera woreda, southwest Ethiopia
Konjit Dereje Yishak, Addis Ababa University, Ethiopia
Title: Prospective of melatonin in crop production
Shelley E. Jones, University of Florida, USA
Title: Use of deep sequencing for analysis of virus replication
Hua Zhong, New Mexico State University, USA
Title: Exogenous silicon provides physiological and proteomic improvement during salinity stress in Rosa hybrida 'Rock Fire'
Prabhakaran Soundararajan, Gyeongsang National University, Korea

Panel Discussion

Day 3 September 23, 2015

Texas-C

Keynote Forum

Introduction

Stephen F Hanson
New Mexico Sate University, USA

Track 7: Plant Anatomy and Embryology
Track 8: Plant Breeding and Molecular Breeding
Track 9: Plant Ecology and Diversity
Track 13: Plant Biodiversity and conservation

Session Chair: Maria Fátima das Graças Fernandes da Silvaa, Universidade Federal de SÃ£o Carlos, Brazil
Session Co-chair: Stephen F Hanson, New Mexico Sate University, USA

Session Introduction

Title: Development of green formulation for dual purpose of disease management and plant development
Pushpa Agrawal, R. V. College of Engineering, India

Networking & Refreshment Break @ Foyer

Title: Oil palm genome sequence: Applications for crop improvement
Rajinder Singh, Malaysian Palm Oil Board, Malaysia
Title: Deep sequencing for identification of functional domains of plant viruses
Stephen F Hanson, New Mexico Sate University, USA
Title: Is the position of nucleotides in conserved miRNA associated with specific functional role in growth and development: case study of miR miR160, miR164, miR167, miR390 and miR393?
Lata I Shukla, Pondicherry University, India
Title: Uptake of cadmium and aluminium and their effects on plant growth and biochemical composition of micro propagated Hypoxis hemerocallidea
Ambrose Okem, University of KwaZulu-Natal, South Africa
Title: Analysis of phytoanticipins in citrus sinensis grafted on c. limonia after xylella fastidiosa infection by hplc-uv and maldi imaging mass spectrometry
Maria Fátima das Graças Fernandes da Silvaa, Universidade Federal de SÃ£o Carlos, Brazil
Title: Expression of hkt1 from Arabidopsis thaliana or hkt1;2 from Thellugiella halophila or T. botschantzevii complements the A. thaliana hkt1 mutant when they are expressed under the endogenous A. Thaliana hkt1 promoter but not when expressed under the T. halophila/botschantzevii hkt1;2 promoters
Ismat Nawaz, Vrije University, Pakistan

Panel Discussion

Award Ceremony

Lunch Break @ Texas-A