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Tentative Program

6th Global Summit on

Plant Science

October 29-30, 2018 Valencia, Spain

Theme: "Plants in a Changing Environment"



For Available Speaker Slots

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6th Global Summit on

Plant Science

October 29-30, 2018 Valencia, Spain

Program at a Glance

Day 1

Morning Sessions	Reception/Registration	08.00-09.00	
		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)		
Evening Sessions	11.00-12.40	5 Speakers (20 Mins Each)	
	Lunch Break 12.40-13.30		
	13.30-15.30	6 Speakers (20 Mins Each)	
	Coffee/Tea Break 15.30-15.45 (Networking)		
	15.45-17.25	5 Speakers (20 Mins Each)	

19 Speakers for Day 1

Day 2

Morning Sessions	Time	Session 1	Session 2
	09.00-10.40	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Coffee/Tea Break 10.40-10.55 (Networking)		
	10.55-12.35	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Lunch Break 12.35-13.25		
Evening Sessi	13.25-15.05	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Poster Sessions		
	Coffee/Tea Break 15.05-15.20 (Networking)		
	15.20-17.00	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)

40 Speakers on Day 2



Glimpses of Plant Science Conferences



















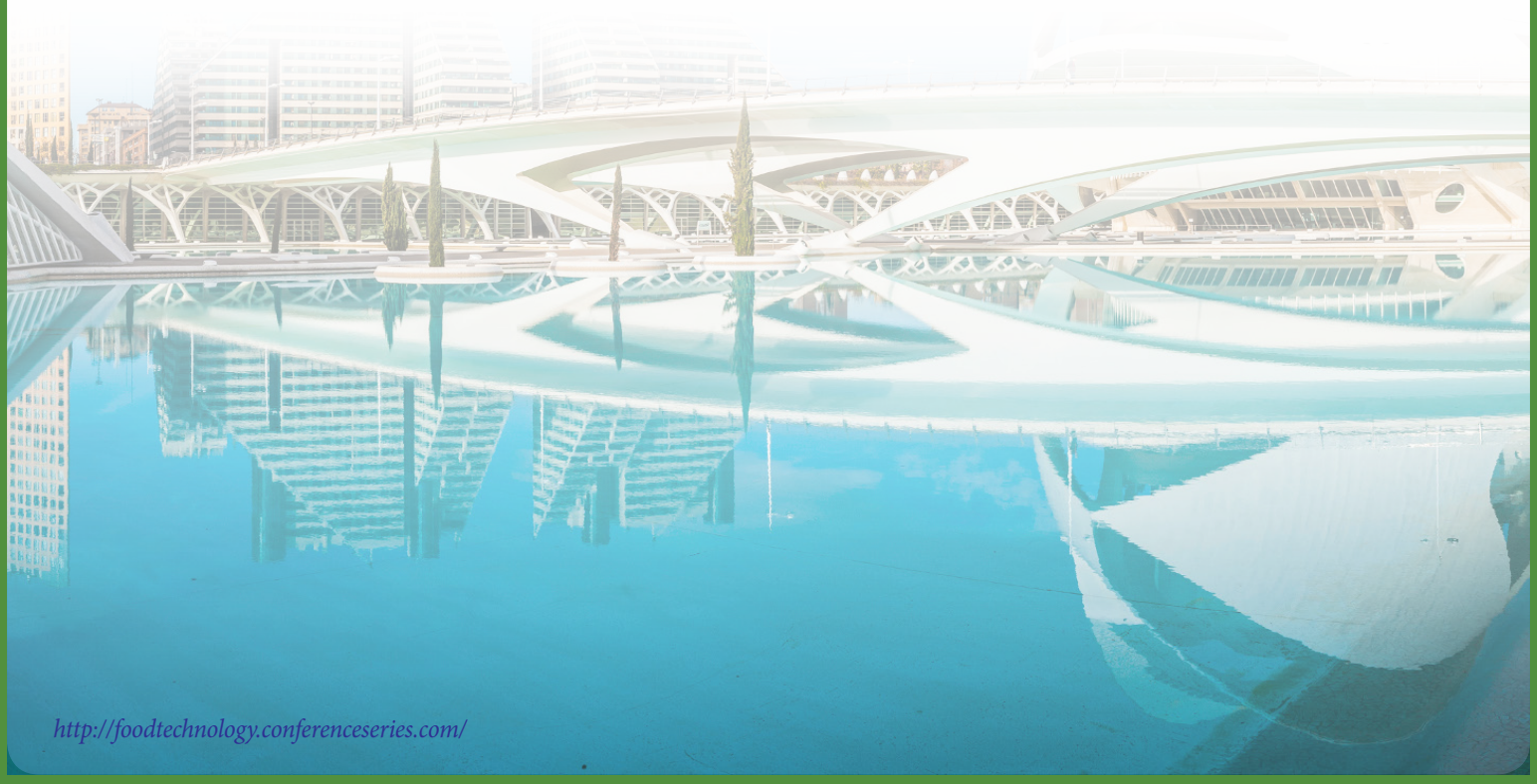


About Valencia

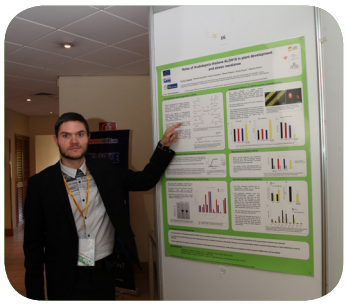
Valencia is the 3rd largest city in Spain and has all the cultural, educational and gastronomic benefits of a large city but still is a city of Barrios. Each like its own small pueblo or village with a friendly easy going cafe lifestyle. It is city where you are more likely to wake up to church bells and birds singing than traffic and urban noise. Valencia unlike its larger siblings Madrid and Barcelona still maintains an authentic Spanish lifestyle while it has grown into a vibrant modern city.

There are numerous play areas, the fantastic BioPark Zoo and Oceanagrafic Aquarium are sites to see again and again. There are easy connections to most European capitals and even a direct flight to the United States. High speed rail reached Valencia in 2010 and Madrid is now only an hour and a half away by train. The mountains are 15 minutes by car and beaches abound, from the expansive, well groomed Las Arenas and Malvarosa beaches in the city to the peaceful naturalism of the nearby undeveloped shore.

At Perfect Spain we are of course biased as we come from Europe, the Americas, Asia and Australia, and all chose to live here. Come visit and see for your self. All in all Valencia is a Perfect Place to be.



Glimpses of Plant Science











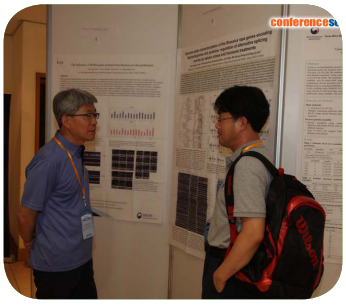






















Glimpses of Plant Science





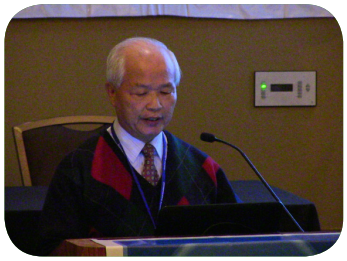






















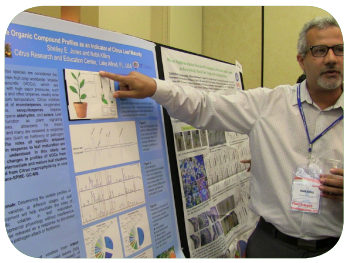
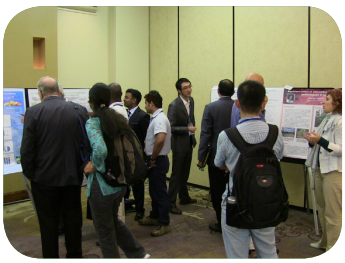


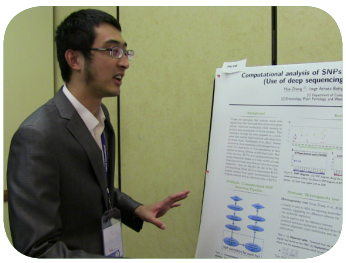




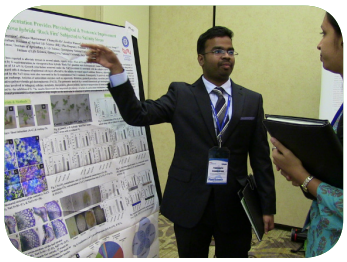
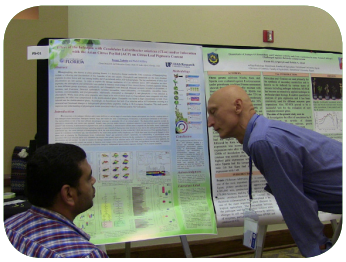




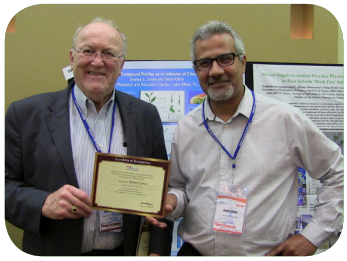



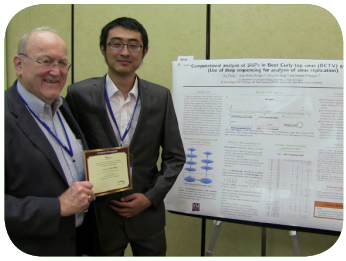



Glimpses of Plant Science

























Tourist Destinations in Valencia



City of Arts and Sciences



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Mercado Central



Modernisme Plaza Valencia



Museo Nacional de Ceramica



Tibidabo Montain



Prehistory Museum of Valencia



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Valencia, Spain



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Scientific Program

3rd Global Summit on

Plant Science

August 07-09, 2017 Rome, Italy



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Day 1 August 07, 2017

Registrations

Olimpica 1

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Opening Ceremony

Keynote Forum

Introduction

Title: Rapid development of a castor cultivar with increased oil content
Grace Chen, U.S. Department of Agriculture, 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: Plant phenolics: New remedies for old disease
Djebbar Atmani, University of Bejaia, Algeria

Group Photo

Network & Refreshment Break

Sessions: Plant Science and Natural Products | Plant Physiology and Biochemistry | Medicinal and Aromatic Plant Sciences | Arabidopsis | Seed Science and Technology | Photosynthesis

Session Chair: Grace Chen, U.S. Department of Agriculture, USA
Session Co-chair: Petronia Carillo, University of Campania, Italy

Session Introduction

Title: Enhancing NGS performance through improvements in template preparation procedure
Caroline Janitz, Western Sydney University, Australia

Title: Physiological impacts on coffee plants submitted to water deficiency
Fernando Broetto, Sao Paulo State University, Brazil

Title: What is the best possible response of plants to combined stresses? Indeed the simplest one
Petronia Carillo, University of Campania, Italy

Workshop on

Title: Next-Generation sequencing—basics & applications: Tools and technologies
Caroline Janitz, Western Sydney University, Australia

Lunch Break

Title: Polyamines and flavonoids of bee pollen with anti-tyrosinase and antioxidant activity
Mi Kyeong Lee, Chungbuk National University, South Korea

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: Breadfruit (*Artocarpus altilis*) gibberellin metabolic genes: Stem elongation and abiotic stress response
Yuchan Zhou, University of the Sunshine Coast, Australia

Network & Refreshment Break

Title: Arabidopsis root formation is altered by cadmium and arsenic
Laura Fattorini, Sapienza University of Rome, Italy
Title: Genetic engineering of PPV resistance in plum rootstock 'Elita' ((*Prunus pumila* L. x *P. salicina* Lindl.) x (*P. cerasifera* Ehrh.))
Sergey Dolgov, Nikita Botanical Gardens, Russia
Title: Determination of polyphenol composition in Hevea brasiliensis and rubber-processing effluent via spectrophotometry and spectroscopy analysis
Aidilla Mubarak, Universiti Malaysia Terengganu, Malaysia
Title: Differential localization of ethylene receptor OsERS1 and OsETR2 in rice and the expression of OsETR2 during submergence
Wing Kin Yip, University of Hong Kong, Hong Kong

Panel Discussion

Day 2 August 08, 2017

Olimpica 1

Keynote Forum

Title: Inferring salt and water distribution in an irrigated crop field using electromagnetic induction techniques
Leon D van Rensburg, University of the Free State, South Africa
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

Workshop on

Title: Salt management of irrigated soils
Leon D van Rensburg, University of the Free State, South Africa

Network & Refreshment Break

Sessions: Plant Pathology and Plant-Micro-Biology | Plant Morphology and Plant Metabolism | Soil Science and Soil-Plant Nutrition | Plant Breeding and Molecular Breeding | Plant Biotechnology and Plant Tissue Culture | Agricultural Science
Session Chair: Vanderlan da S. Bolzani, Sao Paulo State University, Brazil
Session Co-chair: Minkyun Kim, Seoul National University, South Korea

Session Introduction

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: Study of the mechanisms underlying tomato innate immunity mediated by two Bwr12 genes
Chiu-Ping Cheng, National Taiwan University, Taiwan
Title: Indole-3-butyric acid promotes adventitious rooting in Arabidopsis thin cell layers
Federica Della Rovere, University of Rome, Italy
Title: Complementary interaction of two starch biosynthesis genes confers a mild sugary endosperm in rice
Hee-Jong Koh, Seoul National University, South Korea
Title: Regulation of floral terpenoid emission and biosynthesis in sweet basil (*Ocimum basilicum*)
Jiayan Ye, Estonian University of Life Sciences, Estonia

Lunch Break

Poster Presentations

Poster Judge: Vanderlan da S. Bolzani, Sao Paulo State University, Brazil

P01 **Title: Influence of plant height on chrysanthemum transformed with SHI (Short Internodes related genes)**
EunJung Suh, National Institute of Agricultural Science, South Korea

P02 **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

P03 **Title: Diploid Perilla de novo genome sequencing**
Tae-Ho Kim, National Institute of Agricultural Science, South Korea

P04 **Title: The polycistronic expression using non-mammalian viral 2A sequences for carotenoid metabolic engineering in rice plants**
Sun-Hwa Ha, Kyung Hee University, South Korea

P05 **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

P06 **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

P07 **Title: The chemical forms of Fe used as in vivo substrate in uptake process of chloroplast**
Brigitta Lantos, Eotvos Lorand University, Hungary

P08 **Title: Genetic and epigenetic variability of wild and cultivated watercress (*Rorippa nasturtium aquaticum*)**
Marcela Veronica Gutierrez Velazquez, CIIDIR Durango, Mexico

P09 **Title: Phytochemical variation among populations of *Fouquieria splendens* Engelm (*Fouquieriaceae*)**
Hugo Manuel Monreal Garcia, CIIDIR Durango, Mexico

P10 **Title: High-throughput phenotyping of rice using RGB imaging**
Kyung-Hwan Kim, National Institute of Agricultural Sciences, South Korea

P11 **Title: Influence of symptoms, growth, mineral uptake and *ginsenoside* contents of *Ginseng* (*Panax ginseng* C.A.Meyer) to potassium concentrations in hydroponic culture**
Jin Yu, Department of Herbal Crop Research, NIHHS, South Korea

P12 **Title: The grain yield and photosynthetic characteristics responses of rice to oxygen status in rhizosphere as affected by soil aerations**
Qianyu Jin, China National Rice Research Institute, China

P13 **Title: Transcriptome analysis of dwarf soybean derived from crossing of *G. max* and *G. soja***
Chanseok Shin, Seoul National University, South Korea

P14 **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

P15 **Title: *P. nodorum* effectors resistance among Polish wheat and triticale germplasm**
Jakub Walczewski, Plant Breeding and Acclimatization Institute (IHAR), Poland

Sessions: Plant Pathology and Plant-Micro-Biology | Plant Morphology and Plant Metabolism | Soil Science and Soil-Plant Nutrition | Plant Breeding and Molecular Breeding | Plant Biotechnology and Plant Tissue Culture | Agricultural Science

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: Analysis of OsmiR399 expression and down-regulation of LTN1 in rice
Minkyun Kim, Seoul National University, South Korea

Title: Stomata closure and pre-exposure to low-level O_3 protect leaves against high-level O_3-induced damage in Phaseolus vulgaris
Shuai Li, Estonian University of Life Sciences, Estonia

Title: Arsenic and cadmium affect the crosstalk between auxin and jasmonate in *Oryza sativa* L.
Marilena Ronzan, Sapienza University of Rome, Italy

Network & Refreshment Break

Poster Presentations

Poster Judge: Grace Chen, UtS Department of Agriculture, USA

P16 **Title: Roles of *Arabidopsis* ALDH10 enzymes in plant development and stress resistance**
Florian Jacques, University of Technology of Compiegne, France

P17	**Title: Novel identification of CBF genes in rye and phylogenetic relationship in the *Triticeae*** **Yong Weon Seo,** Korea University, South Korea
P18	**Title: Biochemical characterisation of maize landraces for grain quality improvement** **Danijela Ristic,** Maize Research Institute Zemun Polje, Serbia
P19	**Title: Application of molecular markers (SSRs) in foreground selection for maize quality traits** **Marija Kostadinovic,** Maize Research Institute Zemun Polje, Serbia
P20	**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
P21	**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
P22	**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
P23	**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
P24	**Title: Novel medium for enhancing callus growth in hazel (*Corylus avellana* L.)** **Ahmad Moieni,** Tarbiat Modares University, Iran
P25	**Title: Genome-wide screening and functional characterization of long intergenic noncoding rnas in Arabidopsis** **Choonkyun Jung,** Seoul National University, South Korea
P26	**Title: Oxalates assessment in the roots and shoots of taro (*Colocasia esculenta* (L.) Schott) submitted to drought conditions** **Carla S.S Gouveia,** University of Madeira, Portugal
P27	**Title: Characterization of *Avena* germplasm collection in National Centre for Plant Genetic Resources, Radzikow, Poland** **Jerzy Czembor,** Institute of Plant breeding and acclimatization - National Research Institute, Poland
P28	**Title: Morphological and molecular study of *Cryptaphelenchus* sp. (Nematoda, Ektaphelenchinae) associated with dead and dying pine trees in Iran** **Majid Pedram,** Tarbiat Modares University, Iran
P29	**Title: Increased resistance to virus infection through overexpression of some important host genes involved in plant defense in potato *(Solanum tuberosum L.)*** **Mohammad Sadegh Sabet,** Tarbiat Modares University, Iran
P30	**Title: UV illumination on *Crithmum maritimum in vitro* cell culture: A biomimetic approache** **Julien Fouilland,** France

Day 3 August 09, 2017

Sessions: Forest Science and Technology | Plant Genetics and epigenetics | Plant Genome Sciences | Plant Synthetic Biology

Session Chair: Dina Atmani-Kilani, University of Bejaia, Algeria

Session Introduction

Title: Glandular tichomes as a barrier against atmospheric oxidative stress
Shuai Li, Estonian University of Life Sciences, Estonia
Title: Nitrogen transformation characters in soil, use efficiency and rice grain yield as affected by soil aeration
Lianfeng Zhu, China National Rice Research Institute, China
Title: To flower or not to flower? The crucial decision of *Lilium longiflorum* bulbs
Silit Lazare, Ben Gurion University, Israel
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

Network & Refreshment Break

Title: Germplasm identification and salinity- -tolerant gene isolation on *G. hirsutum* L.
Wuwei Ye, Chinese Academy of Agricultural Sciences, China
Title: Performance of rice varieties under rainfed condition in wet and dry tropics of Queensland, Australia
Sachesh Silwal, CQUniversity, Australia
Title:Phytochemical screening and in vitro free radical scavenging activity of different solvent extracts from *Convolvulus virgatus* Boiss
Taoufik Saleh Ksiksi, UAE University, UAE
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: NPR1 mediated the cross talk between salicylate- and jasmonate- mediated pathways in *Carica papaya* in response to *Phytophthora palmivora*
Rui Zong Jia, China Academy of Tropical Agricultural Sciences, China

Lunch Break

Title: Functional analysis of ALSAP domains "a20/an1" in abiotic stress tolerance mechanism
Omar Moustafa Azab, King Saud University, Saudi Arabia
Title: Phylogenetic study of indigenous pulses based on morphological and inter simple sequence repeat (ISSR) marker
Filemon Yusuf, Bogor Agricultural University, Indonesia

Network & Refreshment Break

Awards Ceremony

Bookmark your dates

5th Global Summit on

Plant Science

October 29-30, 2018 Valencia, Spain

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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

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

11:50-12:35 **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

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

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

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

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

Networking & Refreshment Break

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

PS-101

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

Banaz Mahmood, Plymouth University, UK

PS-102

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

Chih-Wen Sun, National Taiwan Normal University, Taiwan

PS-103

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

PS-104

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

Hsu-Liang Hsieh, National Taiwan University, Taiwan

PS-105

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

PS-106

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

Naeela Qureshi, University of Sydney, Australia

PS-107

Title: Development of ISSR markers specific to mint species

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

PS-108

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

PS-109

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

Raman Preet, Punjabi University, India

PS-110

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

Farhad Barazandeh, Shaqra University, Iran

PS-111

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

Salma Bibi, Texas A & M University, USA

PS-112

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

PS-113

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

PS-114 **Title: Effect of fertigation on soil chemcial properties in production of fl uted pumpkin (*Teliferiar occidentalis*)**

ADEDEJI Olufemi Ayokunle, Adeyemi College of Education, Nigeria

PS-113 **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

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

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

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

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

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

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

Poster Presentations

PS-001	**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
PS-002	**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

PS-003	**Title: Rhizosphere microbial communities associated with cover crops inoculated with Azospirillum brasilense and dried with glyphosate**
	Jhovana Escobar, Stanford University School of Medicine, Argentina
PS-004	**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
PS-005	**Title: Prospective of melatonin in crop production**
	Shelley E. Jones, University of Florida, USA
PS-006	**Title: Use of deep sequencing for analysis of virus replication**
	Hua Zhong, New Mexico State University, USA
PS-007	**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
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



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