International Conference on
Plant, Cellular & Molecular Biology
February 18 -20, 2019 | Valencia, Spain

Tentative Program

Innovations, Advancements and Emerging Novel Research In Plant Science

Syeins Group
1170 Peachtree St NW, Suite 1200 Atlanta, GA 30309, USA
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### Tentative Program

#### Keynote Presentations

**Title:** Effects of slurry injection on nutrient use efficiency in maize cropping  
*Hans-Werner Olfs*, Osnabruck University Of Applied Sciences, Germany

**Title:** The discovery of phytoalexins from crucifers: structure, bioactivity and biosynthesis  
*Soledade Pedras*, University Of Saskatchewan, Canada

**Title:** Legume Nodulation Control  
*Peter M. Gresshoff*, The University Of Queensland, Australia

**Title:** Nobel aspects of Plant fibrillarins  
*Enrique Castano*, Centro De Investigacion Cientifica De Yucatan, Mexico

**Title:** Abiotic stress responses and arbuscular mycorrhizal fungi-mediated mitigation in plants  
*Raffaella Balestrini*, CNR - Institute For Sustainable Plant Protection, Italy

**Title:** Seeds priming and drought tolerance  
*Reda Djebar*, University of Sciences and Technology Houari Boumediene, Algeria

**Title:** The relationship between calcium, callose, and cellular totipotency  
*Jose Maria Segui Simarro*, COMAV Institute, Spain

**Title:** The genus Centaurea (Asteraceae, cardueae) in Iran: Two new species and a lectotypification  
*Massoud Ranjbar*, Bu-Ali Sina University, Iran

**Title:** Pre-Symbiotic Signals Exchange Of Hormones And Volatile Organic Compounds Between The Host-Plant Helianthemum sessiliflorum And The Desert Truffle Terfezia boudieri  
*Yaron Sitrit*, Ben-Gurion University of the Negev, Israel

**Title:** Modulation of Sesquiterpene Biosynthesis and Potential Pharmacological Activity in Khat (Catha edulis) Leaves Upon Harvesting  
*Efraim Lewinsohn*, The Newe Yaar Research Center, Volcani Center, ARO, Israel

### Oral Presentations

**Title:** Effect of quercetin on mycorrhizal synthesis between Tuber borchii and micropropagated Strawberry tree plants  
*Filomena Gomes*, Escola Superior Agraria de Coimbra, Portugal

**Title:** Efficient tissue culture and plant regeneration for transformation and gene editing in cereals  
*Yuji Ishida*, Japan Tobacco Inc., Japan

**Title:** INSECT NETTING AND GREENHOUSE BENEFITS  
*Marcel Schulte*, Holland Gaas B.V., Netherlands

**Title:** The Growing Cannabis Community - history, innovations, and the future  
*Jessica Kristof*, Phyllos Bioscience, USA

**Title:** FT-IR spectroscopy combined with Principal Component Analysis allows studying in situ molecular processes involving cellulose, hemicellulose and pectin in plant cell walls during plant cell evolution  
*Francesca Monti*, University of Verona, Italy

**Title:** Feijoa sellowiana fruit, an amazing source for anti-cancer molecules  
*Adriana Basile*, University of Naples Federico II, Italy

**Title:** The importance of nanotechnology in plant science and the real-world applications  
*Amanee Gordon*, Tuskegee University, USA

**Title:** Genomic variation and elite alleles for dry direct-seeded traits in rice (Oryza sativa L.) revealed by association mapping  
*Wisdom Mawuli Edzesi*, Nanjing Agricultural University, China
Title: Biofortification of common bean through phytic acid reduction  
Francesca Sparvoli, CNR - Institute of Agricultural Biology and Biotechnology, Italy

Title: APPLICATION OF GREENHOUSES FOR SUSTAINABLE FOOD PRODUCTION  
Abdeen Mustafa Omer, Energy Research Institute (ERI), United Kingdom

Title: Does GTS1 has an important role under stress conditions in Arabidopsis?  
Burcu Arkkan, Istanbul University, Turkey

Title: Phytoremediation mediated airborne polycyclic aromatic hydrocarbons (PAH) management  
Shubhra Singh, Patanjali Research Institute, Haridwar (India)

Title: The phloem as a vascular integrator of whole-plant growth and development  
Shmuel Wolf, The Hebrew University, ISRAEL

Title: Submergence tolerance in irrigated and rainfed lowland rice varieties: agromorphological basis for rice genetic improvement in Southern Benin  
Magloire OTEYAMI, Agriculture University of Kétou, Benin

Title: Antimicrobial, anti-inflammatory, antiparasitic, and cytotoxic activities of Galium mexicanum  
Luis Ricardo Hernandez, Universidad de las Américas Puebla, Mexico

Title: PHYLOGENETIC INFERENCES FROM MORPHOANATOMICAL CHARACTERS IN RIZGA  
Otuwose A. Egyeno, University of Jos, Nigeria

Title: Expression of cell wall loosening gene in Pakistani local Cotton variety (Gossypium hirsutum) under fibre-specific and constitutive promoters for enhanced fiber quality  
Amina Yaqoob, University of the Punjab, Pakistan

Title: Role of Molecular Markers in Assessing Genetic Diversity in Mentha: A Review  
Nidaf Khan, Central Institute of Medicinal and Aromatic Plants, India

Title: A science connected global Arboriculture community “The future is open source”  
Matthew Robin Daniel, Global Urban Forest Pty Ltd, Australia

Title: Genotype by environment interaction in different types of maize hybrids  
Emilianio Fernandes Nassau Costa, Brazilian Agricultural Research Corporation (EMBRAPA), Brazil

Title: A Puccinia striiformis f. sp.Triticí secreted protein activates plant immunity at the cell surface  
Bayantes Dagvadorj, Agriculture University of Kétou, Benin

Title: AtPep3 is a hormone-like peptide that plays a role in salinity stress tolerance of plants  
Motoaki Seki, RIKEN Center for Sustainable Resource Science, USA

Title: Soil-to-plant transfer of naphthalene and its effects on seedlings pea (Pisum sativum L.) grown on contaminated soil  
Réda Djebar, University of Science and Technology Houari Boumediene (USTHB), Algeria

Title: Medicinal Plants of the Bible  
Amots Dafni, Haifa University, ISRAEL

Title: Study of the flora and vegetation diversity of the Zat- High Atlas valley of Morocco: Perspective of valorization and conservation  
Mostakim Lahcen, University Cadi Ayyad, Morocco

Title: Plants send the signals of arrival of stress to tip part of plant  
Poonam Yadav, Banaras Hindu University, India

Title: Investigation Of Heavy Metal Contents In Some Medicinal Plants Of District Sialkot  
Shamim Akhtar, University of Gujrat, Pakistan

Title: Study On Molecular Characteristics Of Alternaria Species Isolated From Tomatoes Based On Rflp-Per Technology  
Safa jasim tuama ali, Thi-qar university, Iraq
Oral Presentations

**Title:** Cultivation of rice cv. BRRI dhan50 by reclamation of soil acidity through lime and fertilizer management at Sylhet, Bangladesh  
_Sayed Ariana Ferdous_, Sylhet Agricultural University, Bangladesh

**Title:** Antagonistic Role of Gibberellins and IAA in Shaping Host Plant Immune Response to Colonization by Endophytic Fungi  
_Anwar Hussain_, Abdul Wali Khan University Mardan, Pakistan

**Title:** Molecular and functional characterization of Organophosphate insecticide tolerant plant growth promoting rhizosphere bacteria for Vegetable production  
_Durgesh Kumar Jaiswal_, Banaras Hindu University, India

**Title:** Submergence tolerance in irrigated and rainfed lowland rice varieties: agromorphological basis for rice genetic improvement in Southern Benin  
_Magloire OTEYAMI_, Agriculture University of Kétou, South Africa

Poster Presentations

**Title:** Effect of flavonoids on mycorrhizal synthesis between Lactarius deliciosus and Arbutus unedo L. in vitro plants  
_Filomena Gomes_, Escola Superior Agraria de Coimbra, Portugal

**Title:** The seed-specific relative water content as a physiological trait to track the germination process in _Ceiba aesculifolia_ seeds  
_Ximena Gómez Maqueo Bribiesca_, Universidad Nacional Autónoma de México (UNAM), Mexico

**Title:** Soil arsenic bioavailable fractions and its relationship with soil properties for regulation of contamination in paddy soil  
_Suman B Singh_, CSIR-National Botanical Research Institute, India

**Title:** Molecular characterization and Stability study in Indian mustard (Brassica juncea L.) genotypes under Early and Terminal heat stress  
_Suman Yadav_, DR. RAJENDRA PRASAD CENTRAL AGRICULTURAL UNIVERSITY, India

**Title:** Expression of cell wall loosening gene in Pakistani local Cotton variety (_Gossypium hirsutum_) under fibre-specific and constitutive promoters for enhanced fiber quality  
_Amina Yaqoob_, University of the Punjab, Pakistan

**Title:** Callus induction from _Nigella arvensis_ and study physicochemical parameters in production of thymoquinone  
_Forough Sanjarian_, National Institute of Genetic Engineering and Biotechnology, Iran

**Title:** Comparative metabolite analysis of BT-transgenic potato resistant to potato tuber moth (PTM)  
_Hassan Rahnama_, Agricultural Biotechnology Research Institute of Iran, Iran

**Title:** Association Among Growth Duration and Yield Traits Revealed by GWAS in Rice (_Oryza sativa_ L.)  
_Muhammad Abdul Rehan Rashid_, China Agricultural University Beijing, China

**Title:** Soil salinity and mechanical impedance differentially affects embryonic root architecture in native rice varieties of West Bengal  
_Sanghamitra Adak_, Bose Institute, India

**Title:** Anti-cancer effect of lichen _ramalina conduplicans_ and its secondary metabolite on human cancer cells  
_Ila Shukla_, CSIR-National Botanical Research Institute, India
Book Mark

Your Dates
From
February 18 - 20, 2019

We Wish to see you in
Spain!!

Organizer

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