



Syeins Group
— EVOLUTION IN GENERATION —

Tentative Program

International Conference on

Plant, Cellular & Molecular Biology

February 18 -20, 2019 | Valencia, Spain



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 Olf, 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 Djebbar, 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

Oral Presentations

- 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 Arıkan, 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 E. Agyeno, 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**
Emiliano Fernandes Nassau Costa, Brazilian Agricultural Research Corporation (EMBRAPA), Brazil
- Title: A Puccinia striiformis f. sp. Tritici 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 Djebbar, 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-Pcr 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 A 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

Title: Genetic Variability Among Sugarcane Lines/Varieties And Their Response Against Whip Smut

Zaheer Ahmad Nazar, University of the Punjab, Pakistan

Title: Development of transgenic cotton expressing a novel insecticidal protein from a thallophyte for the resistance against sap-sucking pests

Subhi Srivastava, CSIR-NBRI, India

Title: Role of MED14 in embryo and seed development of Arabidopsis

Sourobh Maji, National Institute of Plant Genome Research, India

Title: The phloem as a vascular integrator of whole-plant growth and development

Shmuel Wolf, The Hebrew University, Israel

Title: Okra (*Abelmoschus esculentus*) as a Model for Crop Development in an Interdisciplinary Undergraduate Course on Domestication.

Patrick A. Vigueira, High Point University, USA

Title: Tanshinones production in adventitious root and cell suspension cultures of *Perovskia abrotanoides* Kar. and evaluation of their biological activities

Arehzoo Zaker, Ferdowsi University of Mashhad, Iran

Title: APHIS Plant Grow Enhancer/ Soil Amendment Petition Process

Gregg B. Goodman, APHIS Plant Protection and Quarantine, USA

Title: Independent Evolution of Korean Weedy Rice

Cynthia Vigueira, High Point University, USA

Title: PacBio-based mitochondrial genome assembly of *Leucaena trichandra* (Leguminosae) and an intragenomic assessment of mitochondrial RNA editing, including patterns in the hybrid *L. leucocephala*

C. Donovan Bailey, New Mexico State University, USA

Title: Effect Of Rootstocks And Grafting Dates On The Growth Of Kaghazi Lime (*Citrus Aurantifolia*. Swing) Under The Agro-Climatic Conditions Of Peshawar

Muhammad Musa Khan, University of Agriculture Peshawar, Pakistan

Title: Changes On The Grassland In The Eastern Steppe Of Mongolia

Ariungerel Dorjgotov, Green core NGO, Mongolia

Title: Evidence of *Abies pindrow* as ectomycorrhizal host based on rDNA-ITS barcodes

Muhammad Hanif, GC University, Pakistan

Poster Presentations

- Title: Symbiotic efficiency of Rhizobium strains and their genotypes on the growth of forage pea**
Nassira Riah, Université Constantine, Algeria
- Title: Identifying Genes Involved in microRNA turnover in Arabidopsis thaliana**
Rocky Payet, University of East Anglia, United Kingdom
- Title: Biochemical And Molecular Characterization Of Local Cultivars Of Cucurbit Under Salt Stress**
Sameh Enneb, National Institute of Agronomy Tunis, Tunisia
- Title: Ethnomedicinal Evaluation of Medicinal Plants Used against Gastrointestinal disorders in the Western Middle Atlas region**
Fatiha El Azzouzi, Ibn Tofail University, Morocco
- Title: Distribution of mercury in sediments and plant tissues of Rhizophora apiculata and Rhizophora mucronata at Matang Mangrove Forest Reserve, Malaysia**
Giovanna Wolswijk, Tropical Biodiversity and Ecosystems, Belgium
- Title: Chitosan Nanoparticle as a Promising Carrier in Sustainable Agriculture**
Akash Hidangmayum, Banaras Hindu University, India
- 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 Bribeasca, 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 Rehman 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

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We Wish to see you in

Spain!!

Organizer

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