

5th Edition of Global Congress on **Plant Biology and Biotechnology**

March 22-24, 2021

TENTATIVE PROGRAM

Theme: A drive to thrive plant sciences

| Website: <https://plantbiologyconference.com/>

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Keynote Presentations

Title: Development of Disease and Insect Resistant Capsicums

Benigno Villalon, Texas A & M University, USA

Title: Breeding (Peppers) From A Farmer's Perspective

Edward Curry, Curry Farms, 1091 E. Curry Farm Rd, USA

Title: New trends in table grapes breeding

Manuel Tornel Martinez, IMIDA & ITUM, Spain

Title: Ahead of their time: Women pioneers in plant biology

Danijela Poljuha, Institute of Agriculture and Tourism, Porec, Croatia

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Oral Presentations

Title: Development of a Nano-biosensor using Recombinant Manganese Peroxidase from Corn Grain

Anahita Izadyar, Arkansas state university, USA

Title: Stage-specific differential photochemical quantum efficiency and leaf N status in two contrasting rice varieties also affect photosynthetic efficiency under low-N condition

Aadil Yousuf Tantray, University of Aberdeen, United Kingdom

Title: Impaired plant volatiles profile and terpenoid biosynthesis in two stone fruit cultivars with different susceptibility to brown rot

Marta Balsells-Llauradó, IRTA, Spain

Title: Genomics a tool in conifer breeding: Norway spruce a case study

M Rosario Garcia-Gil, Swedish University of Agricultural Sciences, Sweden

Title: The negative effect of compaction on the physical properties of chernozem in vineyards

Marta Jankovicova, Private researcher and consultant, Czech Republic

Title: Role of the strigolactones under drought in tomato

Ivan Visentin, University of Turin, Italy

Title: Morphological changes induced by the inoculation of rhizospheric microorganisms in Prunus and Pyrus in vitro plantlets obtained by embryo rescue

Daniel Cantabella, IRTA, Spain

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Title: Phenolic compounds of plants as bioactive for the cosmetic industry"

Valter Henrique Marinho dos Santos, Atina - Ativos Naturais, Brazil

Title: Agro-morphological changes caused by the accumulation of lead in *Corchorus olitorius*, a leafy vegetable with phytoremediation properties

Nontuthuko Rosemary Ntuli, University of Zululand, South Africa

Title: Molecular screening of stored cowpea (*Vigna unguiculata (L.) Walp.*) genotypes using DArTseq (GBS) derived SNPs

Goitsewang, Agricultural Research Council, South Africa

Title: Genetic variability, heritability and genetic advance of yield and yield-related traits in soybean (*Glycine max*)

Alina Mofokeng, Agricultural Research Council, Potchefstroom, South Africa

Title: Genetic diversity of soybean based on SSR, agronomic and quality traits

Keitumetse Kujane, Central University of Technology, Free State, South Africa

Title: Leaves' response From Woody Species As An Indicator Of Environmental Pollution

Lacramioara-Carmen Ivanescu, Alexandru Ioan Cuza University, Romania

Title: Physicochemical properties, antioxidant activity and sensory qualities of *Pentadesma butyracea* fruit pulp and pineapple (*Ananas comosus*) juice blend

Bernolde Paul AYEGNON, University of Abomey-Calavi, Benin

Title: The CRK5 receptor-like kinase regulates water use efficiency during plant development

Pawel Burdiak, Warsaw University of Life Sciences, Poland

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Title: How much can some wild plant species accumulate chemical elements and why is this important to us?

Zvezdana Stancic, University of Zagreb, Croatia

Title: A novel ubiquitin-independent role of MATH-BTB protein family in RNA-directed DNA methylation

Dunja Leljak Levanic, Faculty of Science University of Zagreb, Croatia (Hrvatska)

Title: Regulation of plasmodesmata-mediated phloem unloading in roots

Dawei Yan, Henan University, China

Title: Bioresources, fungicides and SAR chemicals in integrated management of Alternaria branch rot of carnation

Sunita Chandel, Y.S.P University of Horticulture and Forestry, India

Title: Effect of the crossing on the characterization of new Tunisian olive oil varieties

Guellaoui Imène, University of Sousse, Tunisia

Title: Developing Wheat and Barley local landraces that are resistant to lodging with shorten stature and lengthy spike using nuclear techniques in Lebanon

Faten Raad, LARI, Lebanon

Title: Biological Nitrogen Fixation In Wheat Based Legume Intercropping System In Changing Climate Scenerio

Iqtidar Hussain, Gomal University, Paksitan

Title: Effects of Biozyme T. F., A Plant Hormone on Growth and Yield in Glycine max

Joseph Nana Annan, University of Education, Ghana

Oral Slots are Available

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Poster Presentations

Title: Molecular study of several taxa of the genus *Iris* L. based on SSR markers and chloroplast DNA barcodes – phylogenetic implications

Tim Weber, Imperial College London, UK

Title: Physiological investigation of nitrogen use efficiency in different rice genotypes of BAAP populations

Yehia Hazzazi, University of Aberdeen, United Kingdom

Title: Biological features of *Maclura pomifera* (Rafin.) Schneider in the southern European part of Russia

Tatyana Latsko, Moscow State University, Russian Federation

Title: Applications of the (Z)-3-hexenyl butyrate in agriculture

Celia Paya Montes, Institute of Molecular and Cellular Biology, Spain

Title: Synthesis of silver nanoparticles using *Vaccinium myrtillus* L. fruits extract: characterization of particles and study of fungi effect

Oprica Lacramioara, Alexandru Ioan Cuza University, Romania

Title: Phenolic profile and in vivo anti-inflammatory activity of aqueous seed extract of date fruit (*Phoenix dactylifera* L.)

Hadjer CHENINI-BENDIAB, Mostaganem University, Algeria

Title: Copper and mercury induced oxidative stresses and antioxidant responses of *Spirodela polyrhiza* (L.) Schleid

Hanwant Singh, Mohanlal Sukhadia University, India

Poster Slots are Available

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