

Scientific Program

5th International Webinar on Plant Science and Molecular Biology

Monday
April 11, 2022

Day 1 - April 11, 2022

10:00 - 10:15 Introduction

Oral Presentations

- 10:15 - 10:35 The OsLUX-OsELF3-1-OsELF4s complex regulates multiple targets to determine heading in rice
Weixun Wu, China National Rice Research Institute, China
- 10:35 - 10:55 Dissecting the genetic network for yield-related traits and breeding utilization in rice
Liyong Cao, China National Rice Research Institute, China
- 10:55 - 11:15 Multivariate analysis of physical attributes of different Cannabis strains' seeds in authentication purposes
Veronika Stoilkovska Gjorgjevska, University Ss. Cyril and Methodius in Skopje, Republic of North Macedonia
- 11:15 - 11:35 Dynamics of accumulation of monoterpenes in plants *Artemisia balchanorum* Krasch. and the kinetics of their formation
Khodakov Gennadii, V.I. Vernadsky Crimean Federal University, Russia
- 11:35 - 11:55 Behind Black: Unfolding the Hidden Secrets of Plant Melanins
Anastasiya Glagoleva, Institute of Cytology and Genetics, Novosibirsk, Russia
- 11:55 - 12:15 Modeling and optimization of the extraction of polyphenols and flavonoids from *Rhamnus alaternus* plant using response surface methodology
Amine NEKKA, National Polytechnic School of Constantine, Algeria
- 12:15 - 12:35 Production and Profitability of Hybrid Rice Is Influenced by Different Nutrient Management Practices
Ram Datta Bhatta, Tribhuvan University, Nepal
- 12:35 - 12:55 Integrated Management of Onion Thrips (*Thrips Tabaci* L.) On Onion (*Allium Cepa* L.) at Koga Irrigation Scheme, Ethiopia
Abaynew Jemal Jenber, Bahir Dar University, Ethiopia

Lunch (12:55 - 13:30)

- 13:30 - 13:50 Modern research in the study of the main physiological indicators of drought-resistant wheat genotypes in relation to productivity
Tamraz H. Tamrazov, Research Institute of Crop Husbandry, Republic of Azerbaijan

Poster Presentations

- 13:50 - 14:05 Potential use of extracts from the plants *Matricaria chamomilla*, *Simmondsia chinensis*, *Equisetum arvense* and *Fallopia multiflora*, in skin and hair care products
Georgia Violaki, School of Sciences and Engineering, University of Nicosia, Cyprus
- 14:05 - 14:15 Phytochemical analysis and evaluation of antioxidant, antimicrobial, and antiproliferative activities of *A. cepa* L. and *A. × cornutum* Clementi ex Visiani, 1842 peel extracts
Željana Fredotović, University of Split, Croatia

End of Day 1

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Tuesday
April 12, 2022

Day 2 - April 12, 2021

Keynote Presentation

10:00 - 10:25 Enzymatic antioxidative activities as biomarkers of potentially toxic metals exposures in *Centella asiatica*: A medicinal plant
Chee Kong Yap, Universiti Putra Malaysia, Malaysia

Oral Presentations

10:25 - 10:45 Mapping and determinants of inadequate minimum dietary diversity (MDD) among children age 6-23 months in 33 Sub-Saharan Africa countries
Bayuh Asmamaw Hailu, Wollo University, Ethiopia

10:45 - 11:05 Visualizing the infection process of *Xanthomonas campestris* pv. *campestris* in susceptible and resistant host of Brassica species causing black rot disease
Amit Kumar Kesharwani, Indian Agricultural Research Institute, India

11:05 - 11:25 Bioremediation technology and agriculture
Sama Rahimi Devin, Shiraz University, Iran

11:25 - 11:45 Bioactive peptides from sprouted voandzou (a neglected local legume) with anti-diabetic potential by inhibition of α -amylase and α -glucosidase enzymes
Doué Ginette Gladys, Félix Houphouët-Boigny University, Côte d'Ivoire

11:45 - 12:05 Anti-Termitic Activity of Three Plant Extracts, Chlorpyrifos, and a Bioagent Compound (Protecto) against Termite *Microcerotermes eugnathus* Silvestri (Blattodea: Termitidae) in Egypt
Esraa M. Abdel Moneim, Grand Egyptian Museum, Egypt

12:05 - 12:25 Advantage Of Biological Nitrogen Fixation In Wheat Based Legume Polyculture In Sustainable Agriculture System
Iqtidar Hussain, Gomal University, Dera Ismail Khan, Pakistan

12:25 - 12:45 Modulation of miRNAs as one molecular explanation of Toxoplasma- associated brain cancers
Eyad, Lebanese University, Lebanon

12:45 - 13:05 Nutrient elements and components of Water Potential of the Holoparasitic Angiosperm *Cynomorium coccineum* L. (Cynomoriaceae) and its Host
Gamal M. Fahmy, University of Cairo, Egypt

End of Day 2