

Webinar on

AGRICULTURE & FOOD CHEMISTRY

SEPTEMBER 28, 2020 | EASTERN DAYLIGHT TIME



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Scientific Program

Webinar on

Agriculture & Food Chemistry

Monday
Sep 28, 2020

September 28, 2020

09:00 - 09:20 Introduction

09:20 - 10:00 Novel evidence for the use of PeBL1 in the protection of chilli from *M. persicae*
Khadija Javed, Chinese Academy of Agricultural Sciences, China

10:00 - 10:40 Optimization of ultrasonic extraction of functional components and biological activity of *Mentha* species
Agnieszka Najda, University of Life Sciences, Poland

10:40 - 11:20 Antioxidant properties and biological activities of extracts from *Betula etnensis* Rafin
Giuseppe Antonio Malfa, University of Catania, Italy

11:20 - 12:00 Antifungal insect repellent and fumigant activity of clove (*Syzygium aromaticum*) oil for safe storage of rice seeds
Narendra Kumar, Amity University of Haryana, India

12:00 - 12:40 Effect of Cyclodextrins and NaCl on Iota-carrageenan gelation
Srinivas Janaswamy, South Dakota State University, USA

12:40 - 13:20 An improved protocol for efficient transformation and regeneration of *Setaria italica*
Camila Moura Santos, Machaerium Startup, Brazil

Lunch (13:20 - 14:00)

Poster Presentations

14:00 - 14:15 Unraveling the genetic architecture of firmness and other machine harvest traits in autotetraploid blueberry using a QTL analysis approach
Francesco Cappai, Plant Molecular and Cellular Biology Program, USA

14:15 - 14:30 A SNPs-GBS single trait Genome Wide Association Study (GWAS) in a collection of *Avena sativa* L. genotypes
Monica Mathias Ramwell, Institute of Agricultural Research, Chile

14:30 - 14:45 Identification of quantitative trait locus controlling salt tolerance trait in rice at the seedling stage by genome-wide association study
Phan Thi Hong Nhung, Catholic University of Louvain, Belgium

14:45 - 15:00 UV application on post harvest quality of baby corn during distribution
Panumas Kotepong, Department of Agriculture, Thailand

15:00 - 15:15 Agro-climatic zone-based identification of elite *Terminalia arjuna* accessions concerning to arjunolic acid production
Sonu Bharti, National Institute of Technology, India

15:15 - 15:30 Environmental pollution is priority in human health. A Case of Lake Guadalupe from state of Mexico
Silvia D. Pena Betancourt, National Autonomous University of Mexico, Mexico

15:30 - 15:45 Maize contaminated with Mycotoxins and its possible health risk in the children population of Mexico
Silvia D. Pena Betancourt, National Autonomous University of Mexico, Mexico

End of Sessions