

Scientific Program

4th International Webinar on

Plant Science & Molecular Biology

Thursday
November 11, 2021

Day 1 - November 11, 2021

11:00 - 11:15 Introduction

Keynote Presentations

11:15 - 11:45 Digital Supply Chain Management for Agribusiness and Food Sector
Ferry Jie, Edith Cowan University, Western Australia

Oral Presentations

11:45 - 12:10 Comprehensive baseline study on orange-fleshed sweet potato (OFSP) among children (6-59 months) and women (15-49 years) Benin: Its local processing methods and socio-cultural factors influencing its acceptance
Christiane Noua Tchede, University of Abomey-Calavi, Benin

12:10 - 12:35 Past, Present & Future of Biotechnology in edible Crops
Carlos Vera Anton, Oxford Brookes University, United Kingdom

12:35 - 13:00 Involvement of G6PDH isoforms in low temperature tolerance and acclimation in plants
Simone Landi, University of Naples, Italy

Lunch (13:00 - 13:30)

13:30 - 13:55 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, France

13:55 - 14:20 Sustainable agriculture improves the economic value of agricultural products and waste
Carla Margarida Duarte, Universidade de Lisboa, Portugal

14:20 - 14:45 The Urpflanze of Life: A Mystagogic Reading of Goethe's Metamorphosis of Plants methodology
Ryan Haecker, Peterhouse, Cambridge, United Kingdom

14:45 - 15:10 Elucidation of Vasculature Specific Physiology and Signaling in Responses to Low Minerals by Establishing Plantains as Model Species
Jing Huang, Purdue University, USA

Keynote Presentations

15:10 - 15:40 The "Capital's Corridor": Biodiversity Conservation in Riparian Zones and Their Agricultural Implications, A Bibliometric and Field Study
Joel I. Cohen, Visiting Scholar, Nicholas School of the Environment, Duke University, USA

Poster Presentations

15:40 - 15:55 Associated proteins regulate microtubule organization in plant roots in response to clinorotation
Galina Shevchenko, Nas Ukraine, Ukraine

15:55 - 16:10 Phytochemical analysis of the major secondary metabolites in species of the genus *Rubus* and their correlation with its pharmacological properties
Stavroula-Evangelia Rentas, University of Nicosia, Cyprus

16:10 - 16:25 Preparation of cookie-type cookies with wheat flour partial replacement by corn germ flour
Heloisa Gabriel Falcao, Goias Federal Institute, Brazil

End of Day 1

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Friday
November 12, 2021

Day 2 - November 12, 2021

Keynote Presentation

11:00 - 11:30 Changes in fresh produce quality during transportation
Pankaj B. Pathare, Sultan Qaboos University, Oman

Oral Presentations

11:30 - 11:55 Small Scale Farmers Indigenous Agricultural Adaptation Options in the Face of Declining or Stagnant Crop Yields in the Fako and Meme Divisions of Cameroon
Ngeayi Adi, Tropical Forest and Rural Development, Cameroon

11:55 - 12:20 Sustainable agriculture improves the economic value of agricultural products and waste
Irene Dini, Federico II University, Italy

12:20 - 12:45 Influence of ingredient addition on the rheological properties of wheat flour and bread
Suzana Caetano da Silva Lannes, University of Sao Paulo, Brazil

12:45 - 13:10 Calculating biodiversity indices in the R program
Milena Lakićević, University of Novi Sad, Serbia

Lunch (13:10 -13:40)

Poster Presentations

13:40 - 13:55 Prediction of cooking characteristics of moisture conditioned and infrared heated cowpea grains using Artificial intelligences neural network
Opeolu. M. Ogundele, University of Johannesburg, South Africa

13:55 - 14:10 Naturally Occurring Radionuclides and Elemental Concentrations in Selected Traditional Medicinal Plants
Olufunmilayo Omotunde Alatise, Federal University of Agriculture, Nigeria

Oral Presentations

14:10 - 14:35 Impact of a Whole-Foods, Plant-Based Nutrition Intervention on Patients Living with Chronic Disease in an Underserved Community
Shipra Bansal, AT Still University, USA

Recorded Video Presentations

14:35 - 14:50 Small Island Landscaping based on Agroforectry
Gun Mardiatmoko, Pattimura Uuniversity, Indonesia

14:50 - 15:15 Valorization of wild food plants in a rural population of central Morocco:Ethno botanical study
Seloua Essaih, Ibn Zohr University, Morocco

End of Day 2