

WEBINAR ON  
**CANNABIS, HEMP &  
ITS RESEARCH**

April 29 - 30, 2021

**Coalesce Research Group**  
33 Market Point Dr,  
Greenville, SC 29607, USA

**Contact Us:**

Phone: +1-718-543-9362  
Whatsapp: +1-315-902-2237  
[cannabis@crgmeetings.org](mailto:cannabis@crgmeetings.org)

# Scientific Program

## Webinar on Cannabis, Hemp & its Research

Thursday  
April 29, 2021

### Day 1 - April 29, 2021

11:00 - 11:10 Introduction

#### Keynote Presentation

11:10 - 11:40 **Genome-Wide Identification of Quantitative Trait Loci for Grain Size and Weight in Rice**  
**Jiezheng Ying**, China National Rice Research Institute, China

#### Oral Presentation

11:40 - 12:00 **Suitability of *Miscanthus x giganteus* for enhancing the low-quality soils and remediating contaminated agricultural lands**  
**Karim Suhail Al Souki**, Jan Evangelista Purkyně University, Czech Republic

12:00 - 12:20 **Photosynthetically controlled spirulina inhibits TNF- $\alpha$  secretion: Potential implications for COVID-19-related cytokine storm therapy**  
**Dorit Avni**, Kiryat Shemona, Israel

12:20 - 12:40 **Signal transduction regulations in response to UV-B light in date palm shed a comprehensive light on the plant resistance**  
**Elsayed Nishawy**, Egyptian Deserts Gene Bank, Egypt

#### Lunch (12:40 - 13:20)

#### Keynote Presentation

13:20 - 13:50 **Insights on Sustainable Nano-enabled Approaches in Agriculture and Food (Agri-food)**  
**Loo Say Chye Joachim**, Nanyang Technological University, Singapore

#### Oral Presentation

13:50 - 14:10 **Heavy metals contamination in fish**  
**Heba Hassan Mahboub**, Faculty of Veterinary Medicine, Zagazig University, Egypt

14:10 - 14:30 **Genotyping of CRISPR Cas9 tomatoes varieties**  
**Carlos Vera Anton**, University of Queensland, Spain

14:30 - 14:50 **Consumption of high protein foods and their impact on health of Mauritians**  
**Sohawon Hanaa Amiirah**, Nutritionist-Dietician, Naturhouse Dietetic Centre, Mauritius

14:50 - 15:10 **A Systematic review of active ingredients and usefulness of dracocephalum kotschy as traditional medicine in iran**  
**Faham Khamesipour**, Shahid Beheshti University of Medical Sciences, Tehran, Iran

#### Poster Presentation

15:10 - 15:25 **Climate change Resilience of Indigenous Socio-Ecological systems' (RISE)**  
**Varvara Parilova**, North-Eastern Federal University, Russian Federation

15:25 - 15:40 **Oudneya Africana R. Br. response to abiotic stresses**  
**Sabrina Darem**, University of Badji-Mokhtar, Algeria

15:40 - 15:55 **Morphotaxonomical and ploidy level revision of Festuca taxa along the Danube**  
**Gergely Pápay**, Hungarian University Of Agronomy and Life Sciences, Hungary

#### Oral Presentation

15:55 - 16:15 **miR156/SPL12 regulates nodulation and root regeneration in Medicago sativa**  
**Vida Nasrollahi**, University of Western Ontario, Canada

# Scientific Program

Webinar on

## Cannabis, Hemp & its Research

### Video Presentation

- 16:15 - 16:30 Probiotics and Metabolic Syndrome Components: A Comprehensive Review on Recent Advances, and Clinical Implications.  
**Marjan Mahdavi-Roshan**, Guilan University of Medical Sciences, Rasht, Iran
- 16:30 - 16:45 Gastroprotective Effect of Banana Flower (Banana Male Bud) against Indomethacin-Induced Gastric Ulceration in Rats  
**Fatima M Alessa**, King Faisal University, Saudi Arabia

### End of Day 1 Sessions

**Friday**  
**April 30, 2021**

### Day 2 - April 30, 2021

### Keynote Presentation

- 11:00 - 11:30 Controlled release of micronutrients from protein-based matrices to plants  
**Mercedes Jiménez-Rosado**, Department of Chemical Engineering, University of Seville, Spain

### Oral Presentation

- 11:30 - 11:50 Neem (*Azadirachta indica* A. Juss) in crop protection against pests  
**Djouhou Fowe Michelle Carole**, University of Yaoundé I, Cameroon
- 11:50 - 12:10 Diversity, utilization pattern and representativeness of dye yielding plants in North Western and Western Himalaya, India: an untapped source for Bioprospection  
**Shreekar Pant**, BGSB University, India
- 12:10 - 12:30 Plant extracts such as insecticides  
**Natale Badalamenti**, Pharmaceutical Sciences and Technologies, Italy
- 12:30 - 12:50 Nutrients deficiency affects *Miscanthus x giganteus* physiology and essential metals uptake more intensively than soil contamination  
**Diana Nebeská**, Jan Evangelista Purkyně University, Czech Republic

### Lunch (12:50 - 13:20)

- 13:20 - 13:40 Trait profiling of white Guinea yam (*Dioscorea rotundata*) breeding lines using breeding values and genomic estimated breeding values  
**Prince E. Norman**, University of Ghana, Ghana
- 13:40 - 14:00 Adequacy of calcium intake in Spanish population according age groups  
**Patricia Romero Marco**, International Osteoporosis Foundation and National Osteoporosis Foundation, Spain

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Friday  
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### Keynote Presentation

14:00 - 14:30 Future Research in Agribusiness and Food  
**Ferry Jie**, Secretary to the CILTA Western Australia Committee, Australia

### Oral Presentation

14:30 - 14:50 Production of functional food by application of microparticles filled with bioactive components during the agricultural production  
**Marko Vinceković**, University of Zagreb, Croatia

14:50 - 15:10 An inventory of the types of rodent spread in Houses with a study of external parasites of the most dominant species at Esna area, Luxor Governorate  
**Abd El-Aleem S. S.Desoky**, Sohag University, Egypt

### Keynote Presentation

15:10 - 15:40 Efficacy, Dosage, Safety, Quality and Taxonomic Identification of Cannabis  
**Damon Giesbrecht**, University of Colorado, Canada

### Oral Presentation

15:40 - 16:00 Antioxidant and antimicrobial activity of Moringa Oleifera leaves growth in Alhasa region in chicken burger  
**Randah M Alqurashi**, Department of Food and Nutrition King Faisal University, Saudi Arabia

### Poster Presentation

16:00 - 16:15 QTL mapping for two fodder quality related key traits in Sorghum (*Sorghum bicolor* L.)  
**Vinutha K Somegowda**, ICRISAT, India

16:15 - 16:30 Rootstocks shape their microbiome - Bacterial communities in the rhizosphere of different grapevine rootstocks  
**Leonie Dries**, Hochschule Geisenheim University, Germany

### Video Presentation

16:30 - 16:45 Dimethyl disulfide (DMDS) as an effective soil fumigant against nematodes in China  
**Dongdong Yan**, Academy of Agricultural Sciences, China

16:45 - 17:00 Plant Breeding: Genomics & Metabolomics Approach  
**Nergiz Gürbüz Çolak**, Izmir Institute of Technology, Turkey

### End of Day 2 Sessions