

International Summit on  
**AGRICULTURE &  
FOOD SCIENCE**

November 11-12, 2019 | Las Vegas, USA



**Coalesce Research Group**  
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# Scientific Program

## International Summit on Agriculture & Food Science

**Monday**  
**NOV 11, 2019**

Hall: Tahiti

09:00 - 09:30 Registrations

09:30 - 09:45 Introduction

### Keynote Forum

09:45 - 10:30 Title: High yield and precision plant production with sensors and microgrid technologies

**Janet Roveda**, The University of Arizona, USA

### Group Photo (10:30 - 10:45)

### Networking & Refreshments @ Hallway (10:45 - 11:00)

11:00 - 11:45 Title: Food contamination from food packaging

**Eberhardt Kuhn**, Shimadzu Scientific Instruments, USA

### Plenary Sessions

Session Chair: **Terrence Thomas**, North Carolina A&T State University, USA

Session Co-Chair: **Silvia D Pena Betancourt**, Metropolitan Autonomous University, Mexico

11:45 - 12:15 Title: An Integrated data intelligence platform for the beef industry's value chain: The Chilean case

**Tomic Gerda**, University of Santiago, Chile

12:15 - 12:45 Title: Why green tea is so powerful to be health benefits

**Kazuko Sakamoto**, American Association for Cancer Research, USA

12:45 - 13:15 Title: Study of the physical and rheological properties of edible coating forming suspensions containing liposomes with antioxidant

**Fernando A Osorio**, University of Santiago, Chile

### Lunch @ Restaurant (13:15 - 14:00)

14:00 - 14:30 Title: Structural elucidation and macrophage stimulation of polysaccharides isolated from *Kaempferia parviflora*

**Khamphone Yelithao**, Gangneung-Wonju National University, South Korea

14:30 - 15:00 Title: Physiological and molecular mechanisms of response to drought stress in different drought-resistant alfalfa (*Medicago sativa* L.) varieties

**Cuimei Zhang**, Gansu Agricultural University, China

15:00 - 15:30 Title: Yield stability of some sugarcane genotypes across seasons and locations

**Ayman Mohamed Abd El-Razek**, Agriculture Research Center, Egypt

15:30 - 16:00 Title: Formation and stability of oil-in-water emulsions coated by whey protein/kappa-carrageenan complexes

**Hanna Khouryieh**, Western Kentucky University, USA

16:00 - 16:15 Title: Artisanal vertical farming

**Andrew Blume**, InHouse Produce, USA

### Networking & Refreshments @ Hallway (16:15 - 16:30)

### Video Presentation

End of Day 1

# Scientific Program

## International Summit on Agriculture & Food Science

**Tuesday**  
**NOV 12, 2019**

### Hall: Tahiti

#### Keynote Forum

09:30 - 10:15 Title: Role of food-related values and food-related lifestyle in influencing food-related behavior of Guilford county residents  
**Terrence Thomas**, North Carolina A&T State University, USA

10:15 - 11:00 Title: Comparison of volatile organic compounds in organic and conventional milk  
**Silvia D Pena Betancourt**, Metropolitan Autonomous University, Mexico

#### Networking & Refreshments @ Hallway (11:00 - 11:15)

#### Plenary Sessions

Session Chair: **Tomic Gerda**, University of Santiago, Chile

Session Co-Chair: **Fernando A Osorio**, University of Santiago, Chile

11:15 - 11:45 Title: Herbicide and pesticide residues in beverages  
**Eberhardt Kuhn**, Shimadzu Scientific Instruments, USA

11:45 - 12:15 Title: Pathways for making global food system sustainable  
**Krishna Bahadur KC**, University of Guelph, Canada

12:15 - 12:45 Title: Effects of alternate irrigation with fresh and saline water on soil salinity and chlorophyll fluorescence parameters of maize  
**WeihuaGuo**, Hohai University, China

12:45 - 13:15 Title: Bio-plex suspension array immuno-detection of *Listeria monocytogenes* from cantaloupe and packaged salad using virulence protein inducing activated charcoal enrichment media  
**James B Day**, U.S. Food and Drug Administration, USA

#### Lunch @ Restaurant (13:15 - 14:00)

#### Poster Presentations (14:00 - 14:20)

#### Poster Judge

AGRFS001 Title: Analysis on the evolution and agglomeration characteristics of Chinese apple production layout  
**Qiangqiang Zhang**, Northwest A&F University, China

AGRFS002 Title: The impact of climate change on water resource of agricultural landscape and its adaptation strategies: A case study of chari basin, Chad  
**Allaramadji Beyaitan Bantin**, Wuhan University, China

#### Plenary Sessions

14:20 - 14:50 Title: Effects of atmospheric pressure plasma jet treatment on aflatoxin level, physiochemical quality, and sensory attributes of peanuts  
**Basheer M Iqdiam**, University of Alberta, Canada

14:50 - 15:20 Title: A review of potential health benefits of the mediterranean diet case study: MD Inspired™ Snacks  
**Anita Trajkovska - Broach**, CSI: Create Solve Innovate LLC, USA

15:20 - 15:50 Title: Sustainable PoSH™ panels utilizing agricultural waste for water decontamination from heavy metals  
**Anita Trajkovska - Broach**, CSI: Create Solve Innovate LLC, USA

## Scientific Program

# International Summit on Agriculture & Food Science

**Tuesday**  
**NOV 12, 2019**

Hall: Tahiti

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15:50 - 16:20 Title: Yield gap analysis of major food crops in Pakistan: Prospects for food security  
**Imran Khan**, Northwest A&F University, China

Networking & Refreshments @ Hallway (16:20 - 16:35)

Panel Discussion - Awards & Closing Ceremony

End of Day 2





# 2<sup>nd</sup> European Congress on Agriculture & Food Science

September 28-29, 2020 | Zurich, Switzerland

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