

SCIENTIFIC PROGRAM

Food Science Virtual Meeting 2025

**5th International Virtual Conference
on Food Science & Nutrition**

August 23-24, 2025
(Virtual Conference)

**Theme: New Challenges and Future Perspectives in Nutrition and
Sustainable Food in Post Pandemic & Climate Change Era**

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Scientific Program

Food Science Virtual Meeting 2025, August 23-24, 2025

August 23, 2025

Opening Ceremony | 09:00-09:05AM | Time Zone: GMT+1, London, UK

Keynote Speaker Session

09:05-09:30

Speaker: Dr. Jianan Yan, Dalian Polytechnic University, China

Presentation Title: Construction of scallop male gonad hydrolysates/soy protein isolates binary gels as potential dysphagia food: From nonlinear rheological properties to microstructure

09:30-09:55

Speaker: Dr. Yinan Du, Dalian Polytechnic University, China

Presentation Title: Curcumin-loaded large yellow croaker roe protein isolates/gellan gum hydrogels: Formation and application potential

Plenary Speaker Session

Session Chairperson Details

**Dr. Fang Guo, Inner Mongolia Agricultural University, China
Dr. Ahmed Swidan, Alexandria University, Egypt**

Session Details

- *Food Science
- *Nutrition; issues, consequences, and remedies
- *Diet and the Gut microbiome
- *Post-Harvest Losses and Remedies
- *Promotion of Traditional Foods
- *Food borne diseases and remedies
- *Emerging Food Technologies and Concepts

09:55-10:20

Speaker: Dr. Jia-Cheng Liu, Dalian polytechnic university, China

Presentation Title: Construction of pH-induced Meretrix meretrix clam protein/ ι -carrageenan composite hydrogels as dysphagia food: from nonlinear rheological properties to gelation mechanism

10:20-10:45

Speaker: Dr. Zhu-Jun Zhang, Dalian Polytechnic University, China

Presentation Title: Encapsulation of melatonin in zein/pectin composite nanoparticles: Fabrication, characterization, and in vitro release property

10:45-11:10

Speaker: Dr. Jiao Jia, Dalian Polytechnic University, China

Presentation Title: Effect of ultrasonic pretreatment on the structure and gel properties of protein isolates from large yellow croaker (*Pseudosciaena crocea*) roe

11:10-11:35

Speaker: Dr. Bunaciu A. Andrei, S.C. AAB_IR research S.R.L., Romania

Presentation Title: FTIRATR Spectroscopy used in Edible Oil Adulteration

11:35-12:00

Speaker: Dr. Dania Alhyari, Petra University, Jordan

Presentation Title: Antioxidant, anti-inflammatory, and oral bioavailability of novel sulfonamide derivatives of gallic acid

12:00-12:25

Speaker: Dr. Ana Cristina Dos Santos Quintas Gonçalves, Vigo University, Faculty of Law, Ourense Campus, Portugal

Presentation Title: Incorporating Portuguese chestnut shells into chestnut flour: nutritional benefits and effects of thermal processes on the protein and functional profile

12:25-12:50

Speaker: Dr. Md. Ramjan Sheikh, Gono Bishwabidyalay, Bangladesh

Presentation Title: Modeling the Interactions Between Chemicals and Proteins to Predict the Health Consequences of Air Pollution

12:50-13:15

Speaker: Dr. Muhammad Asif, University of Agriculture Faisalabad, Pakistan

Presentation Title: Innovative corn extrudates incorporating barley-oat flour blends: Nutritional, functional, and sensory evaluation

13:15-13:40

Speaker: Dr. Shahryar Eghtesadi, Azad University, Iran

Presentation Title: Effects of hesperidin supplementation on weight, glycemic control, lipid profile, blood pressure and inflammatory factors in patients with type 2 diabetes: A Randomized, Double-Blind, Placebo-Controlled Clinical Trial

13:40-14:05

Speaker: Dr. Bezal, University of Sulaimany, Iraq

Presentation Title: Clinical significance of serum miR-21, CA153 and CEA in breast cancer

14:05-14:30

Speaker: Dr. Minichle Yegrem Gedamu, Debar University, Ethiopia

Presentation Title: Production Performance, Haematobiochemical and Gut Bacterial Counts in Layer Hens Fed Diets Supplemented with Neem (*Azadirachta indica*), Girawa (*Vernonia amygdalina*) and Garlic (*Allium sativum*) Powder Meal

14:30-15:00

Refreshment Break

Poster Presentation (15:00-18:00)

RWI001

Speaker: Dr. Almas Naeem, Dow University of Health Sciences, Pakistan

Presentation Title: Effect of Leflunomide-Metal Complexes on ROS, TNF and Brain Indolamines in Comparison with Anti-Depressants as Adjunct Therapy in Rheumatoid Arthritic Model

RWI002

Speaker: Dr. Sajitha Somasundaran Nair, Cochin University of Science and Technology, India

Presentation Title: Quantifying Autonomic Dysfunction - A Novel Biomarker of Alzheimer's disease

RWI003

Speaker: Dr. Ramakanth Pagadala, CVR College of Engineering, India

Presentation Title: Construction of new heterocycles by adopting 12 green chemistry principles

RWI004

Speaker: Dr. Hina Younis, University of Sargodha, Pakistan

Presentation Title: Fabrication, Characterization and Biomedical Evaluation of a Statistically Optimized Gelatin Scaffold Enriched with Co-Drugs Loaded into Controlled-Release Silica Nanoparticles

RWI005

Speaker: Dr. Zakir Ullah, Azam University, Pakistan

Presentation Title: Biogenic Synthesis of Multifunctional Silver Oxide Nanoparticles (Ag₂O NPs) Using *Parietaria alsinaefolia* Delile Aqueous Extract and Assessment of Their Diverse Biological Applications

RWI006

Speaker: Dr. Abdeen Omer, Occupational Health Administration, Ministry of Health, Sudan

Presentation Title: The Efficiency Of Inefficiency: Medicine Distribution

RWI007

Speaker: Dr. Yakob Godebo Godeto, Addis Ababa Science and Technology University, Ethiopia

Presentation Title: Sustainable Use of Extracts of Some Plants Growing in Ethiopia for the Formulation of Herbal Shampoo and Its Antimicrobial Evaluation

End of Session with Closing & Award Ceremony