

18th International Conference on Food Microbiology

*Theme: Exploring the Hidden World of
Microbes in Food Systems*



Scientific TOPICS

- Food Microbiology
- Food Nanotechnology
- Foodborne Infections and Disease
- Single Cell Protein
- Human Health in Probiotics
- Food Allergies
- Food Processing and Packaging Technologies
- Nutritional Neuroscience and Eating Disorders
- Pediatric Nutrition
- Food Consumer Science
- Meat, Poultry and Seafood
- Food, Nutrition and Health
- Food Microbiology and Enzymology
- Food Security and Global Concerns
- Food Colloids and Polymers
- Enzymology and Protein Engineering
- COVID-19 and Food Security Challenges



12-13

DEC 2024



London, UK

Hyatt Place London Heathrow Airport

Contact us: Email: foodmicrobiology@medicalseienceconference.com
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Keynote Presentation

Kasiviswanathan Muthukumarappan
South Dakota State University,
United States

Title : Effectiveness of atmospheric cold plasma in inactivating microorganisms

Michael Davidson
Davidson Consultants, United States

Title : Unpacking a replicable and scalable holistic approach to improve smallholder production and all socio-ecologic systems throughout the global South

Holly Gatzke
University of Nevada, United States

Title : Connecting our research to improving the food system

Robert Mancini
Roquette Canada, Canada

Title : Innovative food safety training solution using behavioral sciences to increase knowledge retention and behavioral change

Maria Jesus Villasenor Llerena
Castilla- La Mancha University, Spain

Title : Chitosan/ γ -cyclodextrin-graphene quantum dots composite as a high-performance electrochemical sensing platform for global estimation of fluoroquinolones in food products from animal source

Vasudeva Singh
Gauhati University, India

Title : Studies on single and different acid modified starches

Surendra Singh
Banaras Hindu University, India

Title : Soil, food security and human health

Paolo Lucci
Marche Polytechnic University, Italy

Title : Molecularly imprinted polymers for mycotoxins analysis in foods

Shashi Bhushan Vemuri
Food Hygiene Bureau of Jamaica, Jamaica

Title : Impacts of climate change on agriculture and food security

Oral Presentations

Bill Lauto
St. John's University, United States

Title : The paradigm shift detecting and reasons why microscopic plastic particulates are in our world's food supply

Most Tahera Naznin
University of Nevada, United States

Title : Towards Urban nutrition security: The impact of various light spectrum on antioxidant-rich fresh food production in the city

Tim Ambler
London Business School, United Kingdom

Title : Direct medical costs of obesity in the United States and the most populous states

Rinaldo Dominique
INRAE Centre Antilles Guyane,
Guadeloupe

Title : Browning susceptibility due to cutting and cooking in new hybrids of water yam (*Dioscorea alata*) as related to their total phenolic content, phenolic profile and polyphenol oxidase activity

Davide Frumento
Università degli Studi di Genova, Italy

Title : Fortification of a *Lactobacillus acidophilus* fermented milk with *Vitis vinifera* marc flour

SCIENTIFIC PROGRAM

Laia Marti AB Biotek Human Nutrition & Health, Spain	Title : Kluyveromyces marxinaus ABB S7: A technological revolution in the production of bakery products for people with sensitivity to FODMAPs
Samia Hamma Faradji Université de Bejaia, Algeria	Title : Study of potential probiotic of Lactobacillus strains isolated from algerian traditional fermented milk and their antagonistic activity against resistan Staphylococcus aureus
Tania Flutto Institut Agricole Régional, Italy	Title : Biochemical characterization of YoAlp®: A sheep-fermented milk obtained with autochthonous starter cultures
Mathieu Merlet Institut Agricole Régional, Italy	Title : Milk protein polymorphisms of Aosta Valley cattle breeds
Laribi -Habchi Hassiba University of SAAD Dahlab Blida 1, Algeria	Title : Application of a formulation based on a bio polymer as an acaricide against the parasite (Varroa) of the domestic bee Apis mellifera
Vidip Chhabra PES University, India	Title : Intelligent ingredient management for recipes
Rubrinder Singh Sandhu Ch. Devi Lal State Institute of Engineering & Technology (CDLSIET), India	Title : Advancements in 3D printing technology for applications in the food industry
Najoua Bouraoui Head of APEDDUB, Tunisia	Title : Smart agri, transformation of plants into botanical pesticides, experimentation and challenges
Martin Posolda Mendel University in Brno, Czech Republic	Title : Evidence of old and regional varieties of apple and pear trees in selected municipalities in the southwest of Kromeriz region, Czech Republic
Tabussam Tufail Jiangsu University, China	Title: Exploring the cereal by-product cell wall against different chronic diseases
Randah Alqurashi King Faisal University, Saudi Arabia	Title : Food wastes and by-products future innovations and sustainability challenges?
Arby Aminata Diallo Agence Nationale de la Sécurité Sanitaire des Aliments (French food safety agency), Mali	Title : Evaluation of the sanitary quality of sesame seeds (Sesamum Indicum) produced, processed and sold in the ségou region and the district of bamako from 2018 to 2020
Seif Eldin A Mohammed Environment & Natural Resources and Desertification Institutute, Sudan	Title: Insights into the health-benefits of protein/peptides of royal jelly and honey
Putri Widyanti Harlina Universitas Padjadjaran, Indonesia	Title : Comprehensive profiling and authentication of porcine, bovine, and goat bone gelatins through UHPLC-HRMS metabolomics and chemometric strategies
Muhammad Ali Siddiquee Aristocrat Food Limited, Bangladesh	Title: Rice Bran (RB) and Rice Bran Oil (RBO) a promising food supplement for human health benefit
Ndiaye Khady ESP/UCAD, Senegal	Title : New electrochemical approach to stabilize hibiscus sabdariffa l extract

SCIENTIFIC PROGRAM

Kateryna Fedosova Odesa National University of Technology, Ukraine	Title : Zero waste culinary in restaurants: Research and practical cases
Mkafula Thembalethu Peterson Department of Rural development and Agrarian Reform, South Africa	Title : Response of maize (<i>Zea mays</i> L.) genotypes to aluminium toxicity in the eastern cape of South Africa
Hema Kesa University of Johannesburg, South Africa	Title : Assessing the dietary impact of COVID-19 on in-school nutrition programmes in South Africa
Simpfiwe Mhlontlo Department of Rural Development and Agrarian Reform, South Africa	Title : Nutrient uptake and mineral composition response of amaranthus species grown on acidic soil to animal manure amendments and micorrhizae enhancement in eastern cape province, South Africa
Motswapo Esther Phoko Agricultural Research Council – Animal Production Institute, South Africa	Title : Nutrient intake, digestibility, and blood metabolic profile of Nguni steers fed diet with varying inclusion levels of Bankrupt bush (<i>Seriphium plumosum</i>) leaf meal
Soha Sayed Mohammad Mostafa Soil, Water, and Environment Research Institute, Egypt	Title : Spirulina: A potential source of functional food, nutraceuticals, and supplements for autism
Boniface Botna RDDH, Cameroon	Title : Involvement of northern civil society organizations in the sustainable management of fisheries resources through the promotion of sustainable fishing around Lagdo Lake (northern Cameroon)
A.G. Odeesha Kumari National water Supply and Drainage Board, SriLanka	Title : Optimizing extrusion cooking parameters for a multi-grain blend
Aboubacar Oumar BANGOURA University Gamal Abdel Nasser of Conakry, Guinea	Title : Functional bioactive calcium chelated fibersol-2 desalted by yeast compare to calcium chelated oligopeptides
Oumarou Diadie Halima Abdou Moumouni University of Niamey, Niger	Title : Evaluation of the nutritional potential of <i>Manihot esculenta</i> (cassava) leaves in Baleyara, Niger Republic
Ngozi Arisa Bells Univerity of Technology, Ota, Nigeria	Title : Nutrient composition, acceptability and microbiological characteristics of cakes produced with refined shea butter and avocado mesocarps
Nwakalor Chizoba Nkiru Federal Polytechnic Oko, Nigeria	Title : Physicochemical properties of cookies produced from wheat and tigernut residue flour
Nwakalor Chizoba Nkiru Federal Polytechnic Oko, Nigeria	Title : Evaluation of physio chemical composition of pap fortified with moringa leaf powder
Akintunde Ezekiel Olukayode KABOD Network System & Bethel Poultry & Multipurpose Farms, Nigeria	Title : Engineering packaging for a sustainable food chain

Masoud Taghizadeh

Ferdowsi University of Mashhad (FUM),
Iran

Title : Quality characteristics of low fat ice cream containing
serish root gum (*Eremurus luteus*)

Oral presentation slots are available

Poster Presentation

Abbassia Demmouche

Djillali Liabes University of Sidi Bel Abbes,
Algeria

Title : The antioxidant and analgesic effect of red and white
ginseng
on Wistar rats

Ana Maria Calvo Salamanca

Master Researcher in AGROSAVIA,
Colombia

Title : Evaluation of natural substrates for heavy metal removal
from soil and water in (*Lactuca sativa*) lettuce crops in
Cundinamarca, Colombia

Ana Maria Calvo Salamanca

Master Researcher in AGROSAVIA,
Colombia

Title : Simultaneous determination of total As and Cd in
Columbian *Oryza sativa* L. rice by ICP-OES

Nashi Alqahtani

King Faisal University, Saudi Arabia

Title : Preservation and quality enhancement of fresh dates using
innovative edible gum Arabic coating

Ghada Alzyadi

Saudi Food & Drug Authority (SFDA),
Saudi Arabia

Title : Determination of antibiotic residues in milk marketed in
Saudi Arabia

Sarah Alotaibi

Saudi Food & Drug Authority (SFDA),
Saudi Arabia

Title : Detection of acrylamide using liquid chromatography-
tandem mass spectrometry and quantitative risk assessment in
selected food from saudi market

Yasser Alrujib

Saudi Food and Drug Authority (SFDA),
Saudi Arabia

Title : Determination of aflatoxins (B1,B2,G1 and G2) in chili
powder and cumin sold at traditional stores in Riyadh city, Saudi
Arabia

Meriam Ben Ghorbel

Faculté des Sciences de Tunis, Tunisia

Title : Discrimination of sagittae otoliths of Boops boops using
morphometric analyses between two Tunisian islands, Djerba and
Kerkennah

Hayat Hayat Mohammed

Jimma University, Ethiopia

Title : Drying characteristics, functional, and physicochemical
properties of *Raphanus sativus* L. (Figl) leaf and petiole: In case of
convective drying condition

Mahmoud Abdulkareem

Aleppo University, Syria

Title : The Effect of the process mincing, salting and freezing on
the chemical and physical and sensory properties of mortadella
made from rooster mother's

TOUGAN Polycarpe Ulbad

University of Parakou, Benin

Title : Effect of frying oil reuse on polycyclic aromatic
hydrocarbons (HAP), trans
fatty acids and acrylamide contents in fried Mackerel Fish
involved in the
sauce Moyo in Benin

Slots are available