

Euro-Global Conference on
**FOOD SCIENCE, AGRONOMY
AND TECHNOLOGY**



**FAT
2018**

CURRENT TRENDS AND FUTURE PERSPECTIVES
IN THE FOOD SECTOR: FROM NOVEL CONCEPTS TO
INDUSTRIAL APPLICATIONS

SEPTEMBER 20-22, 2018
ROME, ITALY

Tentative Program

Keynote Presentations

Title: The patenting of life, limiting liberty and the corporate pursuit of seeds

Ali M. Nizamuddin, University of Illinois Springfield, USA

Title: Safety intervention for the production of antibiotic-free broiler meat and pre-harvest prevention of foodborne pathogens in broiler

Muslah Uddin Ahammad, University of Georgia, USA

Title: Green technology sustainability and cloud computing for corporate social responsibility in smart agriculture mechanization

Ezendu Ariwa, Warwick University, UK

Title: Food and micronutrients

Hikmet Budak, Montana State University, USA

Title: Using civic engagement learning model to tackle serious issues in our local communities at an HBCU/HSI College

Solomon Nfor, St. Philip's College, USA

Title: Continuous nano crystallization of organic materials by spray flash evaporation, a technology of high impact

Denis Spitzer, French-German Research Institute of Saint-Louis, France

Title: Parallel chromatography in beverages authentication

Edward Muntean, University of Agricultural Sciences and Veterinary Medicine Cluj Napoca, Romania

Title: Minimally processed refrigerated fruits and vegetables

Fatih Yildiz, Middle East Technical University, Turkey

Title: Organic egg production in the USA

Yusuf Leonard Henuk, University of Sumatera Utara (USU), Indonesia

Title: Mainstreaming the biodiversity for food and nutrition: Edible wild species as the food and nutrition source

Ayfer TAN, Plant Genetic Resources Department Aegean Agricultural Research Institute (AARI), Turkey

Title: Processing and utilization of pseudocereals

Sukhcharn Singh, Sant Longowal Institute of Engg & Technology Longowal, India

Title: The rise of Indian traditional dairy products – An economic perspective

K.G. Dande, Mahatma Basweshwar College, India

Oral Presentations

Title: Climate-smart agriculture unpacked

Michael Davidson, Davidson Consultants, USA

Title: Physiological and molecular responses of plants to silver nanoparticles

Azam Noori, Merrimack College, USA

Title: Impacts of both water deficits and seasonal influence on berry development and composition of Cabernet Sauvignon (*Vitis vinifera* L.) grown in a hot climate

Nicola Cooley, Melbourne Polytechnic/CSIRO, Australia

Title: Sustainable food production in greenhouses and its relations to the environment

Abdeen Mustafa Omer, Energy Research Institute (ERI), UK

Title: Risk-based quality management in the global fruit juice industry-fighting food fraud with SGF International e.v

Markus Jungen, SGF International e.V., Germany

Title: Consumer level nutrition-sensitive processing - Polyphenol and mineral loss during common beans cooking

Ebenezer Kwofie, McGill University, Canada

Title: Large amplitude oscillatory rheology and phase transition study of binary gelatin/alginate gels

Thomas Goudoulas, Technical University of Munich, Germany

Title: Enological potential of wood shavings and mannoproteins for aging Portuguese red wines

Fernando Jorge Andrade Goncalves, Polytechnic Institute of Viseu, Portugal

Title: Importance of the field and new technologies to give better and enough Food

Emerson Fachini, University of Rio Preto (UNIRP), Brazil

Title: Grape pomace as an alternative to prevent pelagic fish lipid oxidation: Two cases Peruvian anchovy "Engraulis ringens" and Atlantic horse mackerel "Trachurus trachurus"

Fitzgerald Armando Solari Godino, Instituto Tecnológico de la Producción-Peru

Title: Exploring rice husk by-product as source of phenolic compounds

Maria do Carmo Martins Serrano, Instituto Nacional de Investigação Agrária e Veterinária, Portugal

Title: The role of hydrocolloids on the functional properties of lactose-free frozen yogurts at different production scales

Marta Helena Fernandes Henriques, College of Agriculture and CERNAS - Research Centre for Natural Resources Environment and Society, Portugal

Title: Biodiversity conservation value in sustainable agricultural practices for the wine industry

Gabriela Teodorescu, Valahia University of Targoviste, Romania

Title: Potential and constraints of different seawater and freshwater blends as growing media for three vegetable crops

Giulia Atzori, University of Florence, Italy

Title: Genetically modified crops between precaution and innovation: The European court of justice decision of 13 September 2017 and its consequences

Luciano Butti, University of Padua, Italy

Title: Structural and spatial change of agricultural activities in France : Role of new technologies

Ben Arfa Nejla, Ecole Supérieure d'Agriculture d'Angers, UBL University, France

Title: Food-grade pickering emulsion stabilized by protein nanoparticles obtained from a novel lupin variety (AluProt-CGNA)

Cesar Burgos-Diaz, Agiraculture Nutritional Genomic Center (CGNA), Chile

Title: The importance of soil yeasts in agriculture

Danka Radic, Educons University, Serbia

Title: Alternative microspic methods in assessment of pesticides genotoxicity

Davor Zeljezic, Institute for Medical Research and Occupational Health, Croatia

Title: Application of Coherent Anti-Stokes Raman Scattering(CARS) spectroscopy to the determination of degree of unsaturation and the authentication of edible oils

Do-Kyeong Ko, Gwangju Institute of Science & Technology, Republic of Korea

Title: The response of some productivity and quality traits of Fodder Beet (*Beta vulgaris* L.) to organic and potassium fertilizers in Syria

Entessar AL Jbawi, General Commission for Scientific Agricultural Research (GCSAR), Damascus, Syria

Title: Functionality and utilization of mulberry in Korea

Hyun-bok Kim, National Institute of Agricultural Sciences, Republic of Korea

Title: Dynamic and steady shear rheological properties of pearl millet starch

D.C. Saxena, Sant Longowal Institute of Engg. & Technology, India

Title: Effect of *Strobilanthes crispus* and *Centella asiatica* combination with Green Tea (*Camellia sinensis*) against lipid peroxidation

Zamzahaila Mohd Zin, Universiti Malaysia Terengganu, Malaysia

Title: A comparative study on pearl millet starch for pasting, morphological, structural and rheological properties as affected by the cultivar type

Mamta Bhardwaj, Sant Longowal Institute of Engg. & Technology, India

Title: Biotechnology applications: Phenotypic & genotypic characterization of foodborne bacteria

Stalis Norma Ethica, Indonesia Forestry Institute, Indonesia

Title: Phytochemical analysis of *Cissus verticillata* berries

Andrea Goldson Barnaby, University of the West Indies, Jamaica

Title: Productivity and economic feasibility of biofertilizer technology for soybean on rainfed area

Dian Adi Anggraeni Elisabeth, Indonesia Legume and Tuber Crops Research Institute (ILETRI), Indonesia

Title: Turning waste to wealth: Dried cassava peel as feed for lactating West African Dwarf Goats

Idowu, Samson Taiwo, Federal University of Agriculture, Nigeria

Title: Effect of preparation methods on chemical composition and aflatoxin content of peanut products

Erliana Ginting, Indonesian Legumes and Tuber Crops Research Institute (ILETRI), Indonesia

Title: Will Land expropriation without compensation have a negative effect on food safety and security?

Leon Rodney Kenny, South African Council for Natural Scientific Professions, Republic of South Africa

Title: Potential yield of advanced soybean lines in tidal swamp land type C

Heru Kuswanto, Indonesian Legume and Tuber Crops Research Institute (ILETRI), Indonesia

Title: The role of pre and post harvest technology on pod yield and quality of peanut (*Arachis hypogaea* L.) kernels

Agustina Asri Rahmianna, Indonesia Legumes and Tuber Crops Research Institute (ILETRI), Indonesia

Title: Evaluating the nutritional and sensory qualities of supplementary mungbean diets

Agugo Udodiri Agatha, Imo State Polytechnic Umuagwo-Ohaji, Nigeria

Title: Food, agriculture, nutrition and development

Agugo Udodiri Agatha, Imo State Polytechnic Umuagwo-Ohaji, Nigeria

Title: Climate change mitigation in sugarcane by transplanting on dry land

Wawan Sulistiono, Assesment Institute for Agriculture Technology of North Maluku, Indonesia

Title: Climate change and its relation with food security

Attia El-Gayar, Soil, Water & Environment Research Institute, Egypt

Title: Evaluation of bioactive constituents of wild *dioscorea dumetorum* against plant pathogens

Odeh Ichiko-Chic, Benue State University Center for Food Technology and Research, Nigeria

Title: Agriculture feeds agronomists, how agronomy is grateful to agriculture?

Onjaherilanto R. Razanakoto, University of Antananarivo, Madagascar

Title: Evaluation of microbial load of beef of arsi cattle in adama town, oromia, Ethiopia

Arse Gebeyehu Wode, Adami Tulu Agricultural Research Center, Ethiopia

Title: Effect of tillage systems on aggregate stability indicators

Hojat Emami, Ferdowsi University of Mashhad, Iran

Title: Development of synbiotic yoghurt by using inulin and *Bifidobacterium breve*

Wahab Ali Khan, University of Agriculture, Pakistan

Title: Biopesticides as confident agents for food protection

Shima Rahmani, Islamic Azad University, Iran

Title: Growth performance, body composition and metabolic response to feeding rates in juvenile Brazilian sardine *sardinella brasiliensis*

Manecas Francisco Baloi, School of Marine and Coastal Sciences Eduardo Mondlane University, Mozambique

Title: Multifaceted uses of DSC in lipid research

Mohammed Nazrim Marikkar, National Institute of Fundamental Studies, Sri Lanka

Title: Trait preferences of maize farmers, consumers and other value chain actors in the northern Ghana: Implications for variety development and adoption

Gloria Boakyewaa Adu, CSIR-Savanna Agricultural Research Institute, Ghana

Title: Agricultural staple food price volatility, trends and regional market integration

Scholastica Leah Musyimi, County Government of Meru-Kenya, Kenya

Poster Presentations

Title: Synthesis and evaluation of molecularly imprinted membranes by photo-grafting polymerisation method for the multiresidue determination of beta-lactams in milk samples
Gema Paniagua Gonzalez, Universidad Nacional de Educación a Distancia (UNED), Spain

Title: Phenolic compounds and antioxidant activity of exotic fruits from Cerrado
Eduardo Antonio Ferreira, University of Brasilia, Brazil

Title: Antioxidant activity of phenolic extracts from wild Mediterranean edible plants before and after in vitro digestion
Sandra Goncalves, University of Algarve, Portugal

Title: Effect of addition of flours from the novel lupine variety AluProt-CGNA and flaxseed expeller on the rheological and functional properties of wheat bread
Cesar Burgos-Diaz, Agiraculture Nutritional Genomic Center (CGNA), Chile

Title: Bioactive compounds of yellow mombin (*Spondias mombin* L.) from the Cerrado (Brazilian savannah)
Eduardo Antonio Ferreira, University of Brasilia, Brazil

Title: Differences in furanic and phenolic composition of *Ceratonia siliqua* L. liquors according to the roasting degree and variety of carob
Raquel Rodriguez Solana, University of Algarve, Portugal

Title: Antioxidant activity and protective effect of *Lindera glauca* Blume stem extracts on t-BHP-induced oxidative stress in vitro and in vivo
Yon-Suk Kim, Konkuk University, Republic of Korea

Title: Encapsulation of bioactive compounds from *Plinia cauliflora* (jabuticaba) fruit peels extract
Eliana Fortes Gris, University of Brasilia, Brazil

Title: A safety survey on pesticide residues in tropical fruits depending on implementation of Positive List System (PLS)
Hyang-Ri Kang, GyeongGi Province Institute of Health and Environment, Republic of Korea

Title: Production of watermelon under different levels of boron with and without liming
Marileia Barros Furtado, Federal University of Maranhao, Brazil

Title: Comparison of culture procedures for improving the detection method of *Yersinia enterocolitica* in food
Ji-young Kim, Busan Regional Office of Food and Drug Safety, Republic of Korea

Title: Bioactive compounds and antioxidant activity of exotic fruits from Cerrado
Eliana Fortes Gris, University of Brasilia, Brazil

Title: Putgyul (unripe citrus) improved skin wrinkling and moisture content in a double-blind randomized clinic trial
Seon-A Yoon, Jeju Technopark (JTP), Republic of Korea

Title: Use of a mixture of vegetal (kernel meal) and animal (fish silage) by-products as protein source in shrimp diets
Hervey Rodriguez Gonzalez, Instituto Politécnico Nacional, Mexico

Title: Phytochemical composition of fermented sorghum biocolor extract

Young-Min Ham, Jeju Technopark (JTP), Republic of Korea

Title: Production of Gluten-Free Cookies with Black Mulberry (*Morus nigra*) Paste

Ulgen Ilknur Konak, Avrasya University, Turkey

Title: A study on the Methylmercury(MeHg) analysis in marine products

Shin-Hye, Kwak, GyeongGi Province Institute of Health and Environment, Republic of Korea

Title: Quantitative Measurements Of Lead And Cadmium In Select Street Foods Sold In Taft Avenue, Manila

ClairePike Balubal, Quality and Safety Inspector At Cebu Pacific Air, Philippines

Title: The effect of times exposure and thickness of material on efficacy of microwave energy in some different stages for some storage insects

Mohammed Z. Khalaf, Ministry of Science & Technology, Iraq

Title: A comparative toxicity study of two entomopathogenic bacteria against the mite varroa destructor and the honeybee *Apis mellifera intermissa*. Effect on hive products

Oulebsir-Mohand Kaci Hakima, Mhamed Bougara University, Algeria

Speaker Slots Available



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Conference Dates: September 20-22, 2018

Questions? Contact +1 (702) 988-2320 or Inquires: foodchemistry@magnusconferences.com
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