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599<sup>th</sup> Conference

*Scientific Program*

International Conference on

# Food Microbiology

August 08-10, 2016 Birmingham, UK



**Hosting Organizations: Conference Series LLC**

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09:00 - 09:30 Registrations

## Stephenson Suite

conference**series**.com

09:30-10:00

## Opening Ceremony

## Keynote Forum

10:00-10:05 Introduction

10:05-10:40 Title: The influence of virulence factors on dose response of food-borne pathogens

Diane G Newell, Foodborne Zoonoses Consultancy, UK

10:40-11:15 Title: Microbiological quality of ready-to-eat salads sold at popular food establishments in Trinidad

Neela Badrie, University of the West Indies, Trinidad and Tobago

## Group photo

Refreshment Break: 11:15-11:30 @ Albany Foyer

11:30-12:05 Title: Role of agriculture extension in combating nutritional deficiencies: The Indian scenario

Prakash Narain Kalla, Swami Keshwanand Rajasthan Agricultural University, India

## Special Session

12:05-13:05

Title: How acoustic emission technology will impact microbiology

C L Hicks, University of Kentucky, USA

Lunch Break: 13:05-14:05 @ Albany Foyer

## Oral Session: 01

Food Microbiology | Microbiology of Fermented Foods and Beverages | Food Borne Pathogens  
Diseases & Public Health | Microbial Ecology of Foods | Microbiology and Biotechnological  
Exploitation | Food Mycology

Session Chair: Shashi Sharma, US Food and Drug Administration, USA

Session Co-chair: Scott Crerar, Food Standards Australia, Australia

## Session Introduction

14:05-14:30

Title: Cleavage sensitive antibody for the detection of type A botulinum neurotoxin by biolayer  
interferometry

Shashi Sharma, US Food and Drug Administration, USA

14:30-14:55

Title: Challenges associated with hepatitis A virus in berries and berry- products: A food regulators  
perspective

Scott Crerar, Food Standards Australia, Australia

14:55-15:20

Title: Detection of viable Mycobacteria in milk and milk products – Implications for the dairy industry  
and human health

Catherine Rees, The University of Nottingham, UK

15:20-15:45

Title: Microbial quality and food safety of edible insects as a novel and sustainable food matrix

Leen Van Campenhout, University of Leuven, Belgium

15:45-16:10

Title: Lachancea thermotolerans and Saccharomyces cerevisiae sequential inoculated fermentation  
influences in wine quality and acidic composition of Spanish wine

Santiago Benito, Madrid Polytechnic University, Spain

Refreshment Break: 16:10-16:25 @ Albany Foyer

16:25-16:50

Title: The implications of mycotoxins contamination on Omani food chain

Louay Labban, A'Sharqiyah University, Oman

16:50-17:15

Title: Food traceability: How microbial ecology can help?

Jean-Christophe Meile, CIRAD – UMR Qualisud – Réunion, France

- 17:15-17:40 **Title: Exploration of antibacterial and biopreservation potential of lactic acid bacteria isolated from traditional fermented foods of India**  
Tejpal Dhewa, Central University of Haryana, India
- 17:40-18:05 **Title: Employee training- Food microbiology**  
Herbert W Ockerman, The Ohio State University, USA

**Panel Discussion**

**Session Adjournment**

**Day 2 August 09, 2016**

**Stephenson Suite**

- 10:00-10:45 **Title: Microbial safety of fresh produce needs implementation of a risk-based management approach**  
Shalini Sehgal, University of Delhi, India

**Oral Session: 02**

**Risk Assessment and Risk Management | Uses of Microorganisms in Food | Predictive Microbiology | Microbial Aspects of Food Spoilage and Quality | Current & Future Aspects of Probiotics**

**Session Chair: Santiago Benito, Madrid Polytechnic University, Spain**

**Session Co-Chair: Muhammad Riaz, Sejong University, South Korea**

**Session Introduction**

- 10:45-11:10 **Title: Modern trends in *Schizosaccharomyces* use for winemaking**  
Santiago Benito, Madrid Polytechnic University, Spain

**Refreshment Break: 11:10-11:25 @ Albany Foyer**

- 11:25-11:50 **Title: Effective utilization of microbial cells for decontamination of Aflatoxin M1 in milk**  
Muhammad Riaz, Sejong University, Seoul-South Korea
- 11:50-12:15 **Title: Effects of *Lactobacillus sakei* S15 and *Staphylococcus xylosum* GM92 on volatile compounds and sensory characteristics of heat-treated sucuk**  
Guzin Kaban, University of Atatürk, Turkey
- 12:15-12:40 **Title: Impact of some essential oils on inhibition of aflatoxin production by *Aspergillus flavus***  
Abdel Moneim E Sulieman, University of Hail, Saudi Arabia
- 12:40-13:05 **Title: Cachaça: a brief scenario of spontaneous fermentation of the Brazilian distilled spirit**  
Cauré B Portugal, University of Sao Paulo, Brazil

**Lunch Break: 13:05-14:00 @ Albany Foyer**

- 14:00-14:25 **Title: Consumer awareness and evaluation of probiotic products sold in Indian market**  
Shalini Sehgal, University of Delhi, India
- 14:25-14:50 **Title: Uses of microorganisms in indigenous foods and their impact on human health**  
Ahlam Badreldin El Shikieri, Taibah University, Saudi Arabia

**Young Research Forum**

**YRF Judge: Leen Van Campenhout, University of Leuven, Belgium**

- 14:50-15:10 **Title: Microbial quality of ice-stored tropical yellowfin tuna (*Thunnus albacares*) steaks and influence of vacuum and modified atmosphere packaging**  
Adele Silbande, University of Antilles, Martinique
- 15:10-15:30 **Title: Ingesting antibiotic resistant bacteria along with fresh fruits and vegetables: What are the possible consequences?**  
Zahra S Al-Kharousi, Sultan Qaboos University, Oman
- 15:30-15:50 **Title: Proteomic investigation on the effect of Tween 80 on growth of *Lactobacillus casei* (GCRL 163)**  
Syed Shahzad Shah, University of Tasmania, Australia
- 15:50-16:10 **Title: Advances in the development of tropical fruit drinks with inclusion of probiotics: *In vitro***  
Camila Andrea Bernal Castro, Universidad Nacional de Colombia, Colombia

**Refreshment Break: 16:10-16:25 @ Albany Foyer**

- 16:25-16:45 **Title: Geospatial analysis of foliar rust diseases of wheat crop in Jhelum district (2010-2015)**  
Maria Neelam, Fatima Jinnah Women University, Pakistan
- 16:45-17:05 **Title: Foodborne microbes: An emerging dread**  
Muhammad Adnan, Jiangnan University, China

**Panel Discussion**

**Session Adjournment**

**Poster Session @ 17:05-17:50**

**Poster Judge: Santiago Benito, Madrid Polytechnic University, Spain**

- FM101 Title: Antimicrobial and antioxidative properties of berry extracts**  
Maarit Mäki, Natural Resources Institute Finland, Finland



- FM102 **Title: A lab-scale model system for cocoa bean fermentation**  
Edwina Romanens, ETH Zurich, Switzerland
- FM103 **Title: The impact of Fucoidan on gut microbiota and gastrointestinal symptoms**  
Yoshihisa Urita, Toho University, Japan
- FM104 **Title: Bacteriocin production by *Enterococcus* spp. strains isolated from cotija cheese**  
Carlos Eduardo, National Autonomous University of Mexico, Mexico
- FM105 **Title: Which is the role of *Enterococcus* spp. in the ripening process of a handmade cheese**  
Myrna Olvera-García, National Autonomous University of Mexico, Mexico
- FM106 **Title: Physicochemical and rheological properties of some exopolysaccharides produced by lactic acid bacteria isolated from plant origin materials**  
Silvia-Simona Grosu-Tudor, Institute of Biology Bucharest of the Romanian Academy, Romania
- FM107 **Title: Characterization of a nisin-like bacteriocin produced by *Lactococcus lactis* 19.3, isolated from raw milk**  
Medana Zamfir, Institute of Biology Bucharest of the Romanian Academy, Romania
- FM108 **Title: Genetically modified foods as affected by microorganisms more than natural food in Food factories in Saudi Arabia**  
Njah Alonazi, Dublin Institute of Technology, Ireland
- FM109 **Title: Effect of food spoilage bacteria on food**  
Amal Alenezi, Dublin Institute Of Technology, Ireland
- FM110 **Title: *Listeria monocytogenes* contamination in bell peppers**  
Chimya Gundiri, University of Nottingham, UK
- FM111 **Title: Identification of the antimicrobial effect of liquorice extracts on gram-positive bacteria: Determination of minimum inhibitory concentration and mechanism of action using a luxABCDE reporter strain**  
Madiha El Awamie, Nottingham University School of Biosciences, UK
- FM112 **Title: Effect of plant growth promoting rhizobacteria on fruit yield and chemical contents in tomato plants infected cucumber mosaic virus**  
Narjes Haji Dashti, Kuwait University, Kuwait

### Panel Discussion

Day 3, August 10, 2016

Extended Networking Session & Lunch 12:30-14:00 @ Albany Foyer

Session Introduction



**Bookmark your dates**

2<sup>nd</sup> International Conference on

# Food Microbiology

September 28-30, 2017 Madrid, Spain

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