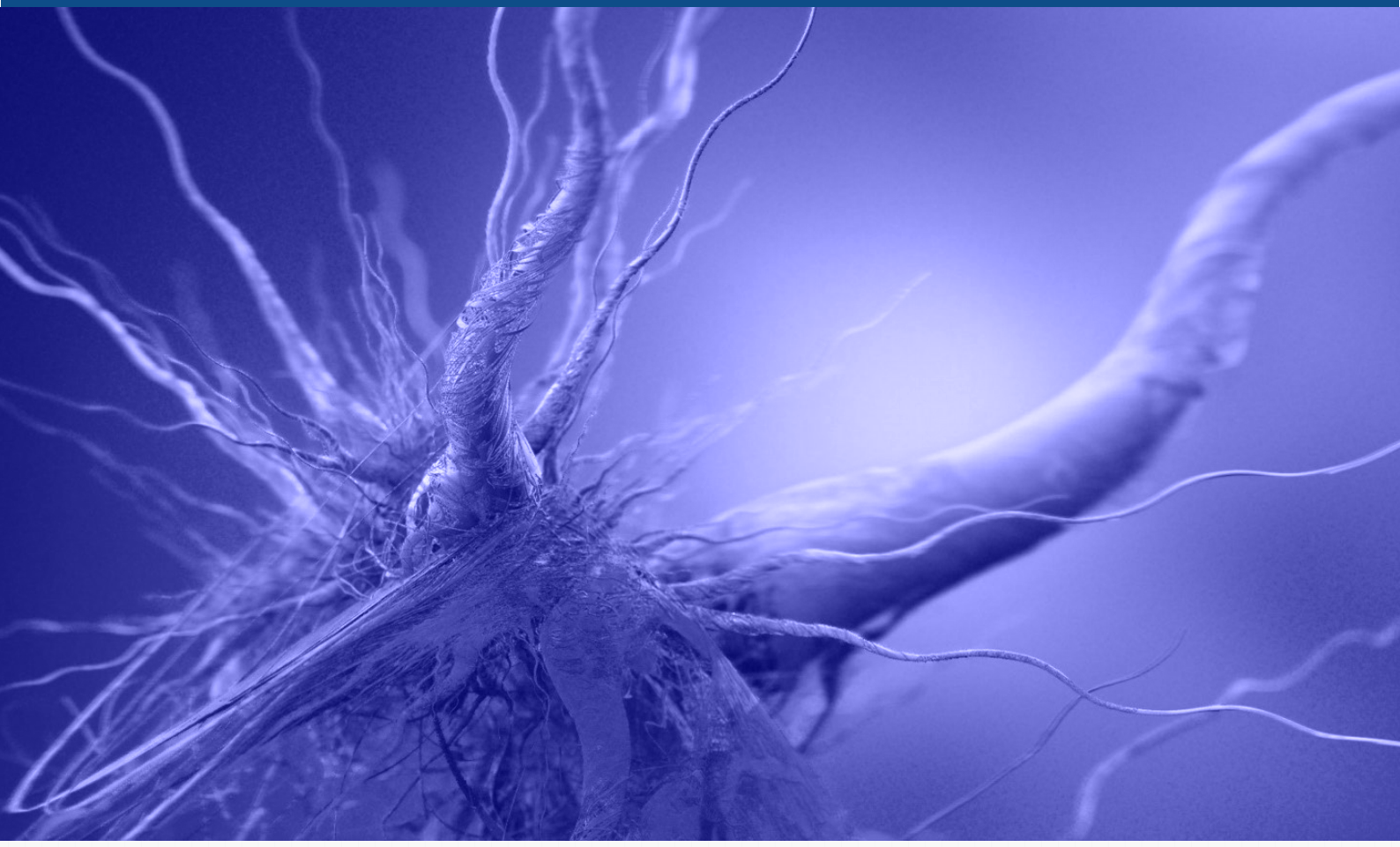
Tentative Program

5th World Congress and Expo on

Applied Microbiology

November 15-16, 2018 Edinburgh, Scotland



Interactive Sessions | Keynote Lectures | Plenary Lectures | Workshops

Exhibitors | B2B Meetings

For available speaker slots

appliedmicrobiology@annualconferences.org

Invitation...

Dear Colleagues,

Conference Series llc LTD welcomes you to attend **5th World Congress and Expo on Applied Microbiology** conference held during **November 15-16, 2018 Edinburgh, Scotland** with the theme "Innovations and Trends of Applied Microbiology."

This international meet (Applied Microbiology 2018) anticipates hundreds of delegates including keynote speakers, Oral presentations by renowned speakers and poster presentations by students besides delegates around the world. This conference perhaps a giant event that creates an ideal platform to share expertise addressing current advancements involved in Applied Microbiology. It will be a wonderful opportunity for all the delegates as it provides an international networking opportunity to collaborate with the world class Microbiology and Biotechnology associations.

Applied Microbiology 2018

- Opportunity to attend the presentations delivered by eminent scientists and business professionals from all over the world.
- Selected contributions will be published in following reputed high impact factor Journals.
    - Journal of Microbial and Biochemical Technology
    - Journal of Food & Industrial Microbiology
    - Journal of Pharmaceutical Microbiology

Program at a Glance

Day 1: November 15, 2018

	Time	Session
Morning	08:00 - 09:00	**Registration /Reception**
	09:00 - 09:15	Inaugural Address
	09:15 - 10:45	Keynote/Plenary Talks
	10:45 - 10:50	Group Photo
	10:50 - 11.00	**Coffee/Tea Break**
	11:00 - 13:00	Speaker Sessions
Evening	13:00 - 13:30	**Lunch Break**
	13:30 - 15:30	Speaker Sessions
	15:30 - 15:45	**Coffee/Tea Break**
	15:45 - 17:30	Workshop/Symposium

Day 2: November 16, 2018

	Time	Session
Morning	09:00 – 10:00	Keynote/Plenary Talks
	10:00-10:15	**Coffee/Tea Break**
	10:15 – 13:00	Speaker Sessions
	13:00 - 13.30	**Lunch Break**
Evening	13:30 - 15:30	Speaker Sessions
	15:30 - 15:45	**Coffee/Tea Break**
	15:45 - 17:30	Workshop/Symposium

Note: Slots Available for Keynote/Plenary sessions, Speaker sessions and Workshops.

For details, contact appliedmicrobiology@annualconferences.org

Note: Program Shedule is subject to change with final allotment of the speaker slots

For more Details Ps: https://microbiology.conferenceseries.com/

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Conference Highlights

- Medical Microbiology
- Pharmaceutical Microbiology
- Industrial Microbiology and Future Bioindustries
- Microbial Biotechnology
- Food Microbiology
- Agricultural, Soil and Forest Microbiology
- Petroleum and Biofuels Microbiology
- Plant Pathology and Plant Microbiology
- Water, Aquaculture and Marine Microbiology
- Geomicrobiology
- Electromicrobiology
- Environmental Microbiology
- Veterinary Microbiology
- Analytical Imaging and Microscopy Techniques
- Gene and Cell Therapy
- Microbial Physiology, Metabolism and Gene Expression
- Microbial Taxonomy, Microbes Identification & Microbial Characterization
- Paleomicrobiology, Archaeomicrobiology & Microbial Forensics

For detailed sessions, please visit: https://microbiology.conferenceseries.com/

Submit your abstract online at: https://microbiology.conferenceseries.com/abstract-submission.php

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Young Researchers can also participate in this elite con-

Eligibility

- Young researcher is a student or learner who got interest in presenting their views and technical skills in Microbiology and other related fields which suits the theme of the congress.
- Participants should be below the age of 33 years and not to possess any senior position/faculty in the field.

Submission

- Each individual participant can submit only one paper.
- All submissions must be in English.
- The chosen topic must fit into sessions of the congress.
- Showcase your research through oral/poster presentations

Best Poster Award

- You will be given about 5-7 minutes to present your poster including questions and answers. Judges may pose questions during the evaluation of the poster
- Judges will even evaluate the student's enthusiasm towards their study, interest and knowledge in the area of their research
- The winners will be announced at the closing ceremony of the conference. The decision of the winner will be withdrawn if the winner/winners is/are not present at the time of announcement
- Apart from the judging time you may also be present at the poster to share your research with interested delegates

Conference Venue
Edinburgh, Scotland

Contact us
Asia-Pacific: Conference Series
Applied Microbiology 2018
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Applied Microbiology 2018
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Glimpses of Applied Microbiology Conferences



















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Craigmillar Castle



Edinburgh



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Kelpies

Conference Venue

Edinburgh, Scotland

Venue & Accommodation

Edinburgh, Scotland



Contact us

Olivia George

Program Director

Applied Microbiology 2018

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JOINT EVENT

Proceedings of

4th World Congress and Expo on

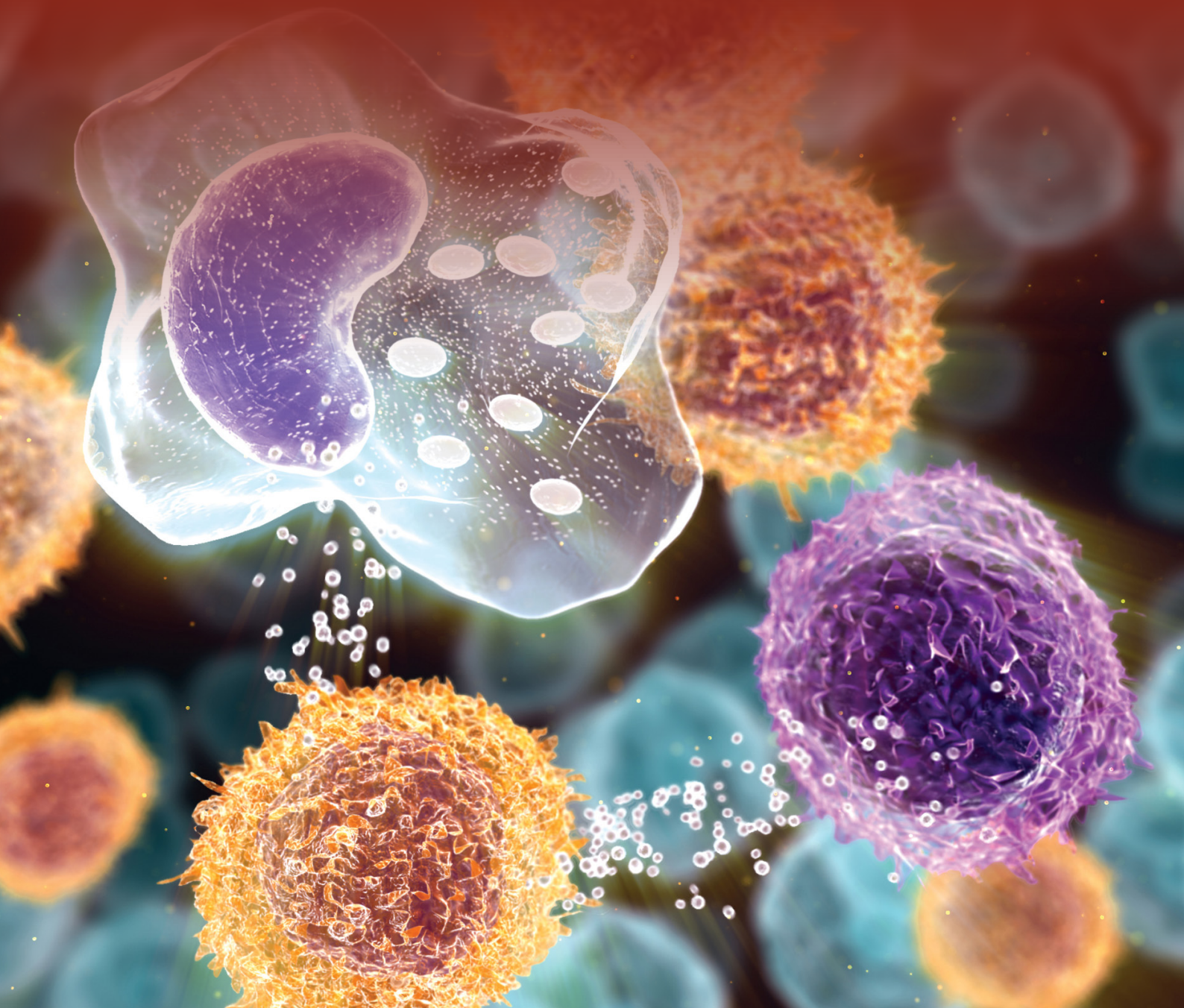
Applied Microbiology

&

2nd International Conference on

Food Microbiology

November 29-December 01, 2017 Madrid, Spain



Registrations

Hall Name: Goya

conferenceseries.com

Opening Ceremony

Keynote Forum

Introduction

Title: Marine microbiome and drug discovery

Fernando de la Calle, PharmaMar, Spain

Title: Spectroscopy and non linear algorithms – A promising tool in the field of food technology

Jose S Torecilla, Complutense University of Madrid, Spain

Group Photo

Networking & Refreshment Break @ Foyer

Title: Impact of new food trends to food safety and quality in food manufacturing organizations

Rong Murphy, Maple Leaf Farms, USA

Sessions: Water Microbiology | Infection and Immunity | Clinical Microbiology | Systems Biology & Bioinformatics | Marine Microbiology and Ecology | Food Microbiology

Session Chair: Fernando de la Calle, PharmaMar, Spain

Session Co-chair: Alla Nikolaevna Nozhevnikova, Federal Research Center of Biotechnology of the Russian Academy of Sciences, Russia

Session Introduction

Title: Contribution of applied microbiology into national economy of Belarus Republic

Natalija Sverchkova, Belarus National Academy of Sciences, Belarus

Title: Advances in molecular tools for routine monitoring of toxic algae and pathogens in aquatic ecosystems

Linda K Medlin, Marine Biological Association, UK

Title: A recombinant chimeric protein comprised of immunogenic epitopes of metabolic enzymes is serodiagnostic target for *Trichomonas vaginalis* sexually transmitted infections

John Alderete, Washington State University, USA

Title: Defining the prokaryotic biodiversity of the salterns of Margherita di Savoia (Italy) by amplicon based next generation sequencing analysis

Mariateresa Volpicella, Bari University, Italy

Title: Detection of waterborne pathogenic bacteria using immunofluorescence technique

Mihai Nita-Lazar, National Research and Development Institute for Industrial Ecology-ECOIND, Romania

Title: New cellulosic economical enzyme-substrate based diet of pullets

Catalina Stoica, National Research and Development Institute for Industrial Ecology-ECOIND, Romania

Lunch Break @ Nature Restaurant

Special Session

Title: A systems biology approach to reveal the sweet secrets of maple syrup quality

Marie Filteau, Laval University, Canada

Sessions: Food Microbiology | Food Borne Pathogens, Diseases & Public Health | Microbial Aspects of Food Spoilage and Quality

Session Chair: Jose S Torecilla, Complutense University of Madrid, Spain
Session Co-chair: Shaukat Iqbal, National Aquaculture Group, Saudi Arabia

Session Introduction

Title: Validation for total aflatoxins (aflatoxins B1, B2, G1 and G2) in shrimp & fish feed, shrimp hepatopancreaz and fish liver by ELISA
Shaukat Iqbal Hashmi, National Aquaculture Group, Saudi Arabia
Title: Isothermal DNA amplification for *Salmonella* spp. detection and characterization
Alejandro Garrido-Maestu, International Iberian Nanotechnology Laboratory, Portugal
Title: Analysis of microbial harm in sugar cleaning area of sugar mill
Rui Feng Mao, Guangxi University, China
Title: Pulsed light inactivation of wheat grain native microbiota and effect on germination capacity
Maria Turtoi, Dunarea de Jos University of Galati, Romania

Networking & Refreshment Break @ Foyer

Workshop

Title: Non-conventional yeasts in bakery
Amparo Gamero, Institute of Food Science and Technology– Spanish Research Council, Spain

Sessions: Water Microbiology | Systems Biology & Bioinformatics | Plant pathology

Session Chair: Fernando de la Calle, PharmaMar, Spain
Session Co-chair: Alla Nikolaevna Nozhevnikova, Federal Research Center of Biotechnology of the Russian Academy of Sciences, Russia

Session Introduction

Title: Exosomal miRNAs derived from umbilical mesenchymal stem cells inhibit hepatitis C virus infection
Zhongtian Qi, Second Military Medical University, China
Title: Filamentous fungus *Podospora anserina*: Morphological and genomic changes within five years of submerged cultivation
Olga A. Kudryavtseva, Lomonosov Moscow State University, Russia
Title: Mainstream partial nitrification-anammox process in domestic and municipal wastewater treatment in Russia
Alla Nikolaevna Nozhevnikova, Federal Research Center of Biotechnology of the Russian Academy of Sciences, Russia
Title: Adaptive conditions and safety of the application of *Penicillium frequentans* as a biocontrol agent on stone fruit
Belen Guijarro, National Institute for Agriculture and Food Research, Spain

Panel Discussion

Day 2, November 30, 2017

Hall Name: Goya

Keynote Forum

Title: Blockchain: Accelerating traceback investigations in food poisoning outbreaks
Jory Lange, Robins Cloud, USA

Workshop

Title: Non-Saccharomyces yeasts *Lachancea thermotolerans and Schizosaccharomyces pombe* applications in wine food microbiology. Influence in wine quality
Santiago Benito, Polytechnic University of Madrid, Spain

Networking & Refreshment Break @ Foyer

Sessions: Food Microbiology | Microbiology of Fermented Foods and Beverages | Food Borne Pathogens, Diseases & Public Health

Session Chair: Santiago Benito, Polytechnic University of Madrid, Spain
Sesstion Co-Chair: Ala Mohan, The New Zealand Institute for Plant & Food Research Limited, New Zealand

Session Introduction

Title: Comparative analysis of New Zealand *Listeria monocytogenes* isolates using PFGE, MLST, MVLST and whole genome sequence analysis
Ala Mohan, The New Zealand Institute for Plant & Food Research Limited, New Zealand
Title: *Schizosaccharomyces pombe* and *Saccharomyces* cerevisiae yeasts in sequential fermentations: Effect on phenolic acids of fermented kei-apple (*Dovyalis caffra L.*) juice
Phillipe P Minnaar, Agricultural Research Council, South Africa
Title: Efficacy of domestic cooking of experimentally infected bivalve shellfish: A case study
Michela Favretti, Istituto Zooprofilattico Sperimentale delle Venezie, Italy
Title: Effective microorganisms improve the growth and quality of vegetables and soybeans
Margit Olle, Estonian Crop Research Institute, Estonia
Title: Diversity and transmission of *Saccharomyces cerevisiae* population in Xinjiang province, China
Zhu Lixia, NNSFC Foundation, China

Sessions: Water Microbiology | Plant pathology | Infection and Immunity | Clinical Microbiology

Session Chair: David Sartory, SWM Consulting Ltd, UK
Sesstion Co-Chair: Sergio Giannattasio, Institute of Biomembranes, Bioenergetics and Molecular Biotechnologies, Italy

Session Introduction

Title: The Trojan Horse: A new biotechnology for pesticide removal at drinking water sand filters
Sanin Musovic, Danish Technological Institute, Life Science, Denmark
Title: Identification of active compounds for the development of new anti-prostate cancer drugs: Comparative study in yeast and human cells
Sergio Giannattasio, Institute of Biomembranes, Bioenergetics and Molecular Biotechnologies, Italy
Title: Interkingdom signaling: Interference of plant derived small molecules with bacterial communication and virulence
Iris Yedidia, Plant Sciences – Agricultural Research Organization, Volcani Center, Israel

Lunch Break @ Nature Restaurant

Title: Evaluation of a rapid and simple MPN method for enumerating *Legionella pneumophila* from water
David Sartory, SWM Consulting Ltd, UK
Title: Integration of natural microorganisms at drinking water sand filters with groundwater composition
Sanin Musovic, Danish Technological Institute, Denmark
Title: Evaluation of *Aspergillus* immunochromatographic lateral flow device and galactomannan antigen test for the presence of invasive aspergillozis in patients with haematologic malignancies
Rasih Felek, Akdeniz University Hospital Central Laboratory, Turkey

Young Research Forum

YRF Judge: Rong Murphy, Maple Leaf Farms, USA

Title: Investigation of effect of edible coating containing *Williopsis saturnus var. saturnus* on aflatoxin production in peanuts
Tugce Ulutasdemir, Sakarya University, Turkey
Title: Application of biosensors for detection of contaminants in milk and milk products
Parul Thapar, Indira Gandhi National Open University, India
Title: Prevalence and sources of food borne infections attributed to drug resistant pathogens in street food of Karachi, Pakistan-A risk to public health
Javeria Samad, Habib University, Pakistan
Title: Nickel and vanadium toxicity in plant growth promoting microorganisms
Grettel Aviles Sayas, The Universidad Veracruzana, Mexico
Title: Hertrologous expression of uncharacterized wild type and mutated Universal Stress Protein-2 (USP-2) gene from *Gossypium arboreum*-FDH-171 confers osmotic and salt resistance to *Pichia pastoris* and *Escherichia coli*
Muhammd Nadeem Hafeez, Center for Excellence in Molecular Biology, Pakistan

Networking & Refreshment Break @ Foyer

Food Microbiology 2017 @ Poster Session

Poster Judge: Jose S Torecilla, Complutense University of Madrid, Spain
Poster Judge: Marie Filteau, Laval University, Canada

FM101
Title: Heterogeneity in technological traits of lactobacilli isolated from Algerian goat's milk
Ahmed Marroki, University Djillali Liabes, Algeria

FM102
Title: Isothermal DNA amplification for *Salmonella* spp. detection and characterization
Alejandro Garrido-Maestu, International Iberian Nanotechnology Laboratory, Portugal

FM103
Title: Occurrence of *Clostridium difficile* in edible bivalve molluscs in Spain
Carmen Candel-Perez, Universidad de Murcia, Spain

FM104
Title: Molecular typing of methicillin-resistant *Staphylococcus aureus* (MRSA) isolated from milk and dairy products in southern Italy
Giovanna La Salandra, Istituto Zooprofilattico Sperimentale della Puglia e della Basilicata, Italy

FM105
Title: Presence of *Staphylococcus aureus* and Shiga toxigenic *Escherichia coli* O157:H7 in raw meat in Agri, Turkey
Gizem Cufaoglu, Kirikkale University, Turkey

FM106
Title: Physical, mechanical properties and antifungal activity of bioactive film containing *Williopsis saturnus var. saturnus* antagonistic yeast
Gulsah karabulut, Sakarya University, Turkey

FM107
Title: Microbiological quality evaluation of raw cow's milk taken from the farms in Sale, Morocco
Horia Radid, National Institute of Hygiene-Rabat, Morocco

FM108
Title: Determination of antifungal effect of edible coatings containing *Williopsis saturnus var. saturnus* against yeast and mold growth on kashar cheese
Ilknur Civelek, Sakarya University, Turkey

FM109
Title: Prevalence and sources of food borne infections attributed to drug resistant pathogens in street food of Karachi, Pakistan-A risk to public health
Javeria Samad, Habib University, Pakistan

FM110
Title: Anti-anxiety effects of lactic acid bacteria via regulation of gut microbiota and metabolic alteration in chronic stress-induced anxiety mice
Jiseon Lee, Korea University, South Korea

FM111	**Title: Authentic cotija cheese as a functional food: Study of peptides released during ripening** **Judith Jimenez-Guzman,** Metropolitan Autonomous University, Mexico
FM112	**Title: Essential oils composition, antibacterial and antioxidant activities of hydrodistillated extract of *Eucalyptus globulus* fruits** **Lila Boulekbache -Makhlouf,** University of Bejaia, Algeria
FM113	**Title: Relationship between microbial counts and lipid oxidation during ageing process of foal meat** **Maria J Cantalejo,** Public University of Navarre, Spain
FM114	**Title: Characterisation of extracellular DNA in *Listeria monocytogenes* biofilm with the use of fluorescent techniques** **Martina Bohacova,** Gaziosmanpasa University, Czech Republic
FM115	**Title: Natural occurrence of toxigenic moulds and their secondary metabolites-ochratoxin A (OTA) in black and herbal teas on the Serbian market** **Radovan Cobanovic,** SP Laboratory, Serbia
FM116	**Title: Analysis of microbial harm in sugar cleaning area of sugar mill** **Rui Feng Mao,** Guangxi University, China
FM117	**Title: Production of external reference materials in food microbiology** **Sabrina Hellali,** BIPEA, France
FM118	**Title: Antibiotic resistance and plasmid profile of bacterial pathogens isolated from street vended foods in Owerri, Nigeria** **Stanley Kelechi Dike,** Imo State University, Nigeria
FM119	**Title: Characterization of combi-CLEAs for biogenic amine detection** **Tianxiang Yang,** Korea University, South Korea
FM120	**Title: A survey for grapevine leafroll-associated virus-1 and -3 in Georgian vineyards** **Tinatin Elbakidze,** Laboratory of the Ministry of Agriculture, Georgia
FM121	**Title: Effects of lactic acid bacteria on intestinal barrier and inflammation in chronic stress-induced mice** **Yeonjeong Seo,** Korea University, South Korea
FM122	**Title: Differentiation of *Listeria monocytogenes* strains base on multi complete gene sequence** **Yong Zhao,** Guangxi University, China
FM123	**Title: LB-9, plant-originated lactic acid bacteria having high stability in simulated gastro-intestinal conditions and improving colitis in DSS-induced mouse model** **Youngbae Noh,** Lotte R&D Center, South Korea
FM124	**Title: Inhibitory activity of the lactic acid bacteria from Xinjiang dairy products on Alternaria** **Zhang Ruili,** NNSFC Foundation, China

Applied Microbiology 2017 Poster Session

Poster Judge: Alla Nikolaevna Nozhevnikova, Federal Research Center of Biotechnology of the Russian Academy of Sciences, Russia
Poster Judge: Sergio Giannattasio, Institute of Biomembranes, Bioenergetics and Molecular Biotechnologies, Ital

AMC01	**Title: Effect of a commercial probiotic on the survival of Nile tilapia (*Oreochromis niloticus*) larvae during the period of yolk sac absorption** **Ruben Pablo Schocke,** Sao Paulo State University, Brazil

AMC02 **Title: Nosocomial infections caused by *Staphylococcus aureus* biofilm producer in the neonatal unit of the hospital specialist mother-child of Tlemcen, Algeria**

Rebiahi Sidahmed, Tlemcen University, Algeria

AMC03 **Title: Evaluation of *Aspergillus* immunochromatographic lateral flow device and galactomannan antigen test for the presence of invasive aspergillozis in patients with haematologic malignancies**

Rasih Felek, Akdeniz University Hospital, Turkey

AMC04 **Title: Isolation of psychrotrophic *Corynebacterium* strains from Salmon trutta that exhibited antimicrobial activity against Enterococcus faecalis**

Nuria Rius, University of Barcelona, Spain

AMC05 **Title: The influence of surface properties of materials on biofilm formation**

Nikola Mikusova, Tomas Bata University, Czech Republic

AMC06 **Title: Identification of the causal agent of *Porites* sp. bleaching in Gulf of Aqaba**

Nehaya Al-Karablieh, The University of Jordan-Amman, Jordan

AMC07 **Title: Adsorption of a thermoacidophilic peroxiredoxin of *Sulfolobus solfataricus* on *Bacillus megaterium* spores**

Mariamichela Lanzilli, University of Naples Federico II, Italy

AMC08 **Title: Antifungal perspective of novel 1,2,4-triazole derivatives**

Lyudmyla Antypenko, Neubrandenburg University, Germany

AMC09 **Title: Assessment of genetic and functional diversity of bacterial community in soils long-term contaminated with crude oil**

Aleksandra Ukalska, Institute of Soiul Science and Plant Cultivation – State Research Institute, Poland

AMC10 **Title: Discarding the specimen collection swab directly at point of care improves optimization of automated molecular diagnosis of sexually transmissible microorganisms without changing results**

Alessandro Camporese, Pordenone Regional Hospital, Italy

AMC11 **Title: Nitrogen-fixing and phosphate-solubilizing bacteria resistant to technogenic soil salinization**

Uladzislau Kuptsou, National Academy of Sciences, Belarus

AMC12 **Title: Prevalence of anal and oral HPV infection in the screening high-risk population of HIV positive MSM in the Czech Republic**

Jana Nemcova, Biopticka laborator, Czech Republic

AMC13 **Title: Bactericidal action of UV-A light irradiated ferulic acid**

Akihiro Shirai, Tokushima University, Japan

AMC14 **Title: Soil washing with biologically compatible surfactants: a strategy to stimulate hydrocarbon biodegradation in soils contaminated with excess oil and saline produced water**

Marcos Rogério Tótola, Federal University of Viçosa, Brazil

AMC15 **Title: Antiprolifetrative activity of a halophilic bacterium, Halomonas pacifica MML1909 on human cancer cell lines**

Sucharitha Kannappan Mohanvel, University of Madras, India

AMC16 **Title: Eph A-ephrin A1 system improves endometrial development during early pregnancy**

Hyocheol Bae, Korea University, Republic of Korea

AMC17	**Title: Screening of serodiagnostic peptide regions that zika virus nonstructural protein 1** **Hee-Jung Lee,** Konkuk University, South Korea
AMC18	**Title: Preliminary effect of curcumin loaded liquid crystal precursor mucoadhesive system against *Candida albicans* with and without association of photodynamic therapy** **Jessica Bernegossi,** Sao Paulo State University, Brazil
AMC19	**Title: Fecal carriage of ESBL-producing *Escherichia coli* among the migratory bird white stork (*Ciconia ciconia*), Algeria** **Esma Bendjama,** Université de Batna 2, Algeria
AMC20	**Title: Fungal genetics and functional diversity in soil under long-term monoculture of maize in different cultivation techniques** **Aleksandra Ukalska,** Institute of Soiul Science and Plant Cultivation – State Research Institute, Poland
AMC21	**Title: Composition and biological activities of the essential oil of *Nigella sativa* seeds isolated by accelerated microwave steam distillation with cryogenic grinding** **Farid Benkaci-Ali,** University of Sciences and Technologies Houari Boumediène, Algeria
AMC22	**Title: Bioleaching of aluminum from bauxite ore using adapted strain of *Penicillium simplicissimum*** **Syed Sikandar Shah,** Sao Paulo State University, Brazil
AMC23	**Title: Production of new beverage: Yogurt with mushroom** **Vinícius Reis de Figueiredo,** Instituto Federal de Educacao, Ciencia e Tecnologia Baiano, Brazil

Panel Discussion

Day 3 December 01, 2017

Hall Name: Goya

Sessions: Food Microbiology, Antibiotics, Antimicrobials & Chemotherapy, Microbial Physiology, Adaptation & Metabolism, Biofilms Formation

Session Chair: Xiaoling Wang, University of Science and Technology Beijing, china

Title: Antimicrobial, anticoagulation, fibrinolytic and prebiotic activities of exopolysaccharide produced by marine *Klebsiella* spp.
Ayman Kamal El Essawy, Ain Shams University, Egypt
Title: Antibacterial efficacy of four structurally related phenylpropenes against *Escherichia coli and Staphylococcus epidermidis*
Amal Kamil Najjar, Lebanese University Faculty of Sciences, Lebanon

Networking & Refreshment Break @ Foyer

Title: Microbes and dietary components of selected commonly consumed foods

Adedayo Olajide Ajayi, Adekunle Ajasin University, Akungba-Akoko, Nigeria

Title: NAD(H)-linked methylglyoxal oxidoreductase regulates cellular methylglyoxal and pyruvate through enhanced activities of alcohol dehydrogenase and methylglyoxal-oxidizing enzymes in glutathione-depleted Candida albicans

Min-Kyu Kwak, Sungkyul University, Republic of Korea

Title: Phenotypes and mechanical properties of *Bacillus subtilis biofilms*

Xiaoling Wang, University of Science and Technology Beijing, china

Title: Improving physicians' adherence to guidelines regarding antibiotics use in acute upper respiratory tract infections in adult patients attending Ministry of Health hospitals in Alexandria, Egypt: an interventional study

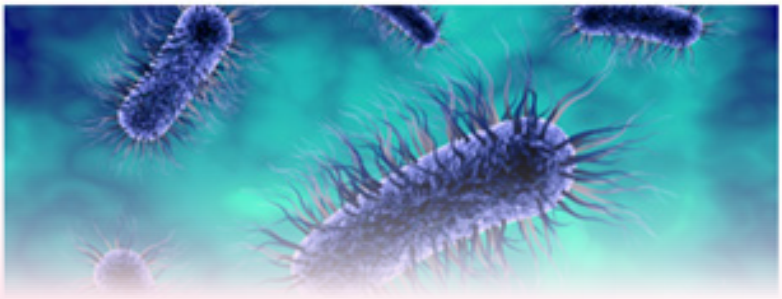
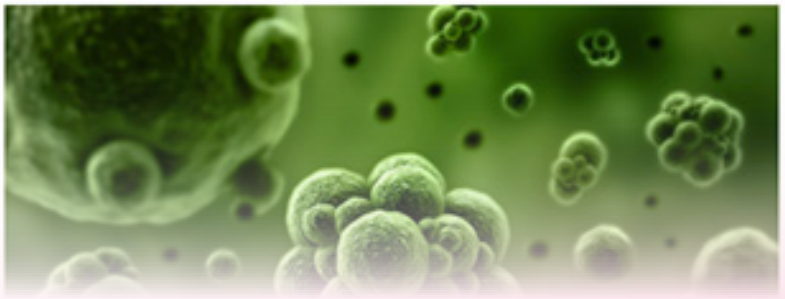
Sarah K Amer, Arab Academy for Science, Technology and Maritime Transport, Egypt

Award Ceremony

Lunch Break @ Nature Restaurant

Panel Discussion



Bookmark your dates

5th World Congress and Expo on Applied Microbiology

November 15-16, 2018 Edinburgh, Scotland

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