

AGENDA

October 18, 2017

09:15-09:30 Registrations

Hall I

09:30-10:00

Opening Ceremony

KEYNOTE FORUM

10:00-10:40

Title: A biochemist's odyssey in microbial research and techniques

Beauregard Marc, UQTR, Canada

10:40-11:20

Title: Novel monoclonal antibodies for the prevention and treatment of bacterial infections

Steven J Projan, MedImmune, UK

Coffee & Networking 11:20-11:35 @Foyer

Group Photo @ 11:35-11:40

11:40-12:20

Title: Prokaryote remedy to genetic misfolding diseases: Inactivated bacterial subunit toxoids block ER associated degradation of misfolded proteins to rescue the phenotype

Clifford Lingwood, University of Toronto, Canada

SPEAKER FORUM

Major Sessions:

Bio-analytical Techniques | Medical Microbiology | Microbial Biochemistry | Molecular Biology



Chair: Akira Kaji, University of Pennsylvania, USA



Chair: Hideko Kaji, Jefferson Medical College, USA



Co-chair: Khaled Barakat, University of Alberta, Canada

12:20-12:50

Title: Kinetic microplate assay reveals lethal and sub-lethal behavior of antimicrobials immobilized on solid substrates

Steven Arcidiacono, US Army Soldier Natick Research Development and Engineering Center, USA

Lunch 12:50-13:50 @Restaurant

13:50-14:20

Title: Magnetic bead based immuno-detection of *Listeria monocytogenes* and *Listeria ivanovii* from infant formula and leafy green vegetables using the Bio-Plex suspension array system

James Day, Food and Drug Administration, USA

14:20-14:50

Title: Large-scale molecular detection of microorganisms

Sona Pekova, Laboratory for veterinary molecular diagnostics, Czech Republic

14:50-15:20 **Title: Rhizobial inoculation increases soil microbial functioning and gum arabic production of 13-years old *Senegalia senegal* (L.) Britton trees in the North part of Senegal**
Dioumacor FALL, Senegalese Institute of Agricultural Research (ISRA), Senegal

Coffee & Networking 15:20-15:40 @ Foyer

15:40-16:10 **Title: Reproducibility of four identification methods of antibiotic-resistant *Mycobacterium tuberculosis* isolated from displaced and nondisplaced Iraqi patients with reference to QuantiFERON**

Mohemid M Al-Jebouri, University of Tikrit, Iraq

16:10-16:40 **Title: Detection of sequences of novel insect flaviviruses from *Uranotaenia macfarlanei*, known as frog feeding mosquitoes, in Okinawa, Japan**

M Saito, University of the Ryukyus, Japan

16:40-17:10 **Title: Continuous wastewater treatment contaminated with heavy metals by coupling a microbial fuel cell and a microbial electrolysis cell**

Chansoo Choia, Daejeon University, Republic of Korea

Panel Discussion

AGENDA

October 19, 2017

Hall I

KEYNOTE FORUM

10:00-10:40

Title: *In vivo* and *in vitro* studies of RRF (ribosome recycling factor) revealed that its major function is to release mRNA from the post-termination complex and not splitting of the ribosomal subunits

Akira Kaji, University of Pennsylvania, USA

10:40-11:20

Title: Rational design of small molecule immune checkpoints inhibitors: The PD-1 challenge

Khaled Barakat, University of Alberta, Canada

Coffee & Networking 11:20-11:40 @Foyer

Special Session

11:40-12:40 **Title: A point of view about point of care testing for diagnostic microbiology in the US: What we have, what we need, what is on the way?**

Nancy S Miller, Boston Medical Center, USA

Panel Discussion

Lunch 12:40-13:40 @Restaurant

SPEAKER FORUM

Major Sessions:
Antibiotics | Microbial Genetics | Pharmaceutical Microbiology



Chair: Steven J Projan, Medimmune, UK



Co-chair: Steven Arcidiacono, US Army Soldier Natick Research Development and Engineering Center, USA

- 13:40-14:10 **Title: Developing a novel green feed additive as alternative to feed antibiotics in poultry**
Gayatri Suresh, University of Quebec, Canada
- 14:10-14:40 **Title: *Clostridium difficile* infection: Prevention is in your hands**
Sarbjeet Sharma, SGRDIMSAR, India
- 14:40-15:10 **Title: Detection of ER stress after infection of human macrophages by *Mycobacterium tuberculosis***
Samuel Eguasi Inkabi, Linköping University, Sweden
- 15:10-15:40 **Title: Study of antioxidant activity in extracts and alcohol (methanol, ethanol) Saffron petals**
Elahe Khani, Shiraz University of Medical Science,Iran

Coffee & Networking 15:40-16:00 @ Foyer

- 16:00-16:30 **Title: Molecular and phenotypical characterization of *Mannheimia Haemolytica* isolated from goats in baghdad province**
waffa ahmad, Baghdad University, Iraq
- 16:30-17:00 **Title: *Geminivirus* coat protein gene plays an important role in transmission specificity by insect**
Sana Khalid, University of the Punjab,Pakistan
- 17:00-17:30 **Title: Antimicrobial activity of essential oil components and antiproliferative activity of Trans-Tiliroside compound from an endemic desert species**
Labib Noman, University of Mentouri–Constantine, Algeria

Video Presentations @ 17:30-17:50

- V 01 **Title: Effects of the biological life and man kind on the earth (mainly between 1778 and 2015)**
Béla Ralovich, Ministry of Welfare (retired), Hungary
- V 02 **Title: A stem bark extract from *Khaya grandifoliola* (Meliaceae) C DC. stimulates the chemotactic and phagocytic activity of rat peritoneal macrophages exposed to CCl₄**
Florence Pare Ngougoure, University of Yaoundé I, Cameroon
- V 03 **Title:Detection of carbapenem resistant Gram-Negative *Bacilli* from infected wounds in Khartoum state-2014**
Reem AbdElmoniem Dahab Khalil, University of Medical Sciences and Technology, Sudan.

Panel Discussion

Poster Presentations @ 17:50-18:20

- P 01 **Title: *Kip2* is required for maintenance of normal spindle dynamics and cell cycle progression**
Beryl Augustine, University of Toronto, Canada
- P 02 **Title: Isolation, Identification and antibiotic susceptibility profiles of bacterial strains isolated from supragingival plaque of periodontal patients at dental service and training centre of Addis Ababa University**
Solomon Gizaw, Addis Ababa University,Ababa, Ethiopia
- P 03 **Title: *In vitro* Antileishmanial activity of *Artemisia dracunculus* and *Heracleum persicum* extracts in comparison with Glucantime**
Batool Sadeghi-Nejad, Abadan School of Medical Sciences,Iran
- P 04 **Title: *In vitro* activities of six antifungal drugs against *Candida glabrata* isolates: An emerging pathogen**
Nasrin Amirrajab, Ahvaz Jundishapur University of Medical Sciences, Iran
- P 05 **Title: Isolation of nontuberculous mycobacteria in the waters of a hemodialysis center**
Soheila Khaghani, Ahvaz Jundishapur University of Medical Sciences,Iran

Panel Discussions

Thanks Giving & Closing Ceremony