conferenceseries LLC Ltd
1608th Conference

Scientific Program

Joint Event

4th International Conference on

Antimicrobials, Multiple Drug Resistance & Antibiotics Resistance

&

4th International Conference on

Antibiotics R&D, B2B

APRIL 20-21, 2018 LAS VEGAS, NEVADA, USA



Day 1 April 20, 2018

Conference Hall: Desert Palm B

08:00-08:30 Registrations

08:30-08:45 Opening Ceremony

Keynote Forum

08:45-09:00 Introduction

09:00-09:45 **Title: Fragment-based and natural product-derived antibiotics against ESKAPE pathogens**
Rongshi Li, University of Nebraska Medical Center, USA

09:45-10:30 **Title: The major action of Ribosome Recycling Factor (RRF) is to release mRNA from spent ribosomes-Use of this reaction for quick screening of specific antibiotic against RRF**
Akira Kaji, University of Pennsylvania, USA

Panel Discussion

Networking & Refreshment Break 10:30-10:50 @ Foyer

10:50-11:50 **Title: A holistic approach for evaluation of adverse effects regarding usage of antimicrobials**
Tore Midtvedt, Karolinska Institute, Sweden

11:50-12:35 **Title: The hollow fiber infection model: Principles and practice**
John J S Cadwell, FiberCell Systems Inc., USA

Sessions:

Evolution and Mechanisms of Antibiotics and Antimicrobials Resistance | Antimicrobial Resistance and its Emergence of Animals | Antimicrobial Resistance: Emergence and its Eccentricity | Antibiotics: Types and Prognosis

Session Chair: Hideko Kaji, Thomas Jefferson University, USA
Session Chair: Y Peter Di, University of Pittsburg, USA

Session Introduction

12:35-13:00 **Title: The preclinical development of a novel antimicrobial peptide with strong antibacterial and anti-inflammatory activity, systemic and pulmonary delivery with nanoparticles**
Alessandro Pini, University of Siena, Italy

Panel Discussion

Lunch 13:00-14:00 @ Hilton Garden

14:00-14:30 **Title: Role of feed additives in the strategy to reduce the prevalence of antimicrobial resistance in broilers**
Nataliya Roth, University of Natural Resources and Life Sciences, Austria

14:30-15:00 **Title: Panton – Valentine Leukocidin producing methicillin resistant *Staphylococcus aureus* from three health care centers in Tabuk city**
Bernard C Silvala, University of Tabuk, KSA

Panel Discussion

Networking & Refreshment 15:00-15:20 @ Foyer

15:20-15:40 **Title: Metronidazole Schiff base hybrids: Synthesis and *in vitro* anti-trichomonocidal evaluation**
Richard M Beteck, Rhodes University, South Africa

15:40-16:20 **Title: 7,10-epoxy octadeca 7,9-dienoic acid: Potential candidate for antibacterial agent against multidrugresistant *Staphylococcus aureus***
Hak-Ryul Kim, Kyungpook National University, Korea

16:20-16:40 **Title: The selective removal of LPS and LTA from human blood. Construction and use of a medical device based on the peptide SET-M33**
Alessandro Pini, University of Siena, Italy

Panel Discussion 16:40-17:00

Day 2 April 21, 2018

Conference Hall: Desert Palm B

Keynote Forum

09:00-09:45 **Tittle: 3-D Cell based Pk/Pd assays in hollow fiber bioreactors**
John J S Cadwell, FiberCell Systems Inc., USA

09:45-10:30 **Title: Lethal effect of denatured ribosome recycling factor at lag phase**
Hideko Kaji, Thomas Jefferson University, USA

Panel Discussion

Networking & Refreshment 10:30-10:50 @ Foyer

10:50-11:35 **Title: Tale of 2 Cities: Guangzhao Sun Yat Sen University Medical Center and Zhuhai 5th Affiliated University Hospitals: Neglected tropical and infectious diseases in China**
Helieh S Oz, UK Medical Center, USA

11:35-12:20 **Title: Combating antimicrobial resistance – Utility of antimicrobial combination therapy and/or inhibitors**
Ghassan Matar, American University of Beirut, Lebanon

Sessions:
Modern Antibiotics for Various Diseases and Infections | Antibiotics: Market Analysis & Business Opportunities | Alternative Strategies for Antimicrobial Resistance Worldwide | Analytical Strategies for Antimicrobials & Antibiotics

Session Chair: Akira Kaji, University of Pennsylvania, USA
Session Chair: Tore Midtvedt, Karolinska Institute, Sweden

Session Introduction

12:20-12:50 **Title: Mobility of antibiotic resistance in *Salmonella typhimurium* under natural and simulated farm environments**
Mengfei Peng, University of Maryland, USA

Panel Discussion

Lunch 12:50-13:30 @ Hilton Garden

13:30-14:00 **Title: Prevalence of antibiotic resistant bacteria in animals -A global perspective farm environments**
Nataliya Roth, University of Natural Resources and Life Sciences, Austria

Work Shop

14:00-15:00 **Title: Overuse of antibiotics in food animal industry and infectious and inflammatory complications in humans**
Helieh S Oz, UK Medical Center, USA

Poster Presentations 15:00-16:00

Poster Judge: Tore Midtvedt, Karolinska Institute, Sweden

ABR 01 **Title: Lipase-catalyzed synthesis of a functional xylitol ester of 7,10-dihydroxy-8(E)-octadecenoic acid**
Yeon-Jung Lee, Kyungpook Nartional University, Korea

ABR 02 **Title: Resistance of *Pseudomonas aeruginosa* against betalactamics**
Adailton Pereira dos Santos, Federal University of Goias, Brazil

ABR 03 **Title: Beta-lactamics antimicrobial resistance from *Enterobacteriaceae***
Andressa Liberal Santos, Federal University of Goias, Brazil

ABR 04 **Title: The role of Gentamicine in microbial control of donor corneal tissue**
Celia Regina Malveste Ito, Federal University of Goias, Brazil

ABR 05 **Title: A Furan Fatty Acid 7,10-epoxy octadeca 7,9-dienoic acid : A synergistic antibacterial agent against multidrug-resistant *Staphylococcus aureus***
Ji-Sun Moon, Kyungpook Nartional University, Korea

Networking & Refreshment 16:00-16:20 @ Foyer

Panel Discussion

Thanks Giving & Closing Ceremony