Joint Event

4th International Conference on
ANTIMICROBIALS, MULTIPLE DRUG RESISTANCE & ANTIBIOTICS RESISTANCE

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4th International Conference on ANTI-BIOTICS 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:


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

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
             Title: Panton—Valentine Leukocidin producing methicillin resistant Staphylococcus aureus from three health care centers in Tabuk city
             Bernard C Silvala, University of Tabuk, KSA

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Panel Discussion

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

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<th>Title</th>
<th>Speaker</th>
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<tr>
<td>09:00-09:45</td>
<td>3-D Cell based Pk/Pd assays in hollow fiber bioreactors</td>
<td>John J S Cadwell, FiberCell Systems Inc., USA</td>
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<tr>
<td>09:45-10:30</td>
<td>Lethal effect of denatured ribosome recycling factor at lag phase</td>
<td>Hideko Kaji, Thomas Jefferson University, USA</td>
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Panel Discussion

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

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<td>10:50-11:35</td>
<td>Tale of 2 Cities: Guangzhao Sun Yat Sen University Medical Center and Zhuhai 5th Affiliated University Hospitals: Neglected tropical and infectious diseases in China</td>
<td>Helieh S Oz, UK Medical Center, USA</td>
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<td>11:35-12:20</td>
<td>Combating antimicrobial resistance – Utility of antimicrobial combination therapy and/or inhibitors</td>
<td>Ghassan Matar, American University of Beirut, Lebanon</td>
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Session Chair: Akira Kaji, University of Pennsylvania, USA
Session Chair: Tore Midtvedt, Karolinska Institute, Sweden

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

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<tr>
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<tr>
<td>Lipase-catalyzed synthesis of a functional xylitol ester of 7,10-dihydroxy-8(E)-octadecenoic acid</td>
<td>Yeon-Jung Lee, Kyungpook National University, Korea</td>
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<td>Resistance of Pseudomonas aeruginosa against betalactamics</td>
<td>Adailton Pereira dos Santos, Federal University of Goias, Brazil</td>
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<td>Beta-lactamics antimicrobial resistance from Enterobacteriaceae</td>
<td>Andressa Liberal Santos, Federal University of Goias, Brazil</td>
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<td>The role of Gentamicine in microbial control of donor corneal tissue</td>
<td>Celia Regina Malveste Ito, Federal University of Goias, Brazil</td>
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<td>A Furan Fatty Acid 7,10-epoxy octadeca 7,9-dienoic acid : A synergistic antibacterial agent against multiderug-resistant Staphylococcus aureus</td>
<td>Ji-Sun Moon, Kyungpook National University, Korea</td>
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Networking & Refreshment 16:00-16:20 @ Foyer

Panel Discussion

Thanks Giving & Closing Ceremony