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Scientific Program

2nd International Conference on

Applied Microbiology and Beneficial Microbes

October 23-25, 2017 Osaka, Japan



Hosting Organization: Conference Series LLC

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Day 1 October 23, 2017

08:30-09:30 Registrations

Crystal

conferenceseries.com **09:30-09:55** Opening Ceremony

Keynote Forum

09:55-10:00 Introduction

10:00 -10:45 Title: Non-Small Cell Lung (NSCL) cancer search for biomarkers from body fluids to microarrays
Guilio Tarro, Foundation T. & L. de Beaumont Bonelli for Cancer Research, Italy

Group Photo

Networking & Refreshments Break 10:45-11:05 @ Crystal

11:05 -11:50 Title: Beneficial microorganisms improving yield quality of horticultural crops and soil fertility
Lidia Sas Paszt, Research Institute of Horticulture, Poland

11:50 -12:35 Title: Improved testing for the pathogenic fungi *Aspergillus fumigatus*
Ceri L Gwyther, Open University, UK

Sessions:
Applied Microbiology | Industrial Microbiology | Veterinary Microbiology

Session Introduction

Session Chair: Giulio Tarro, Foundation T & L de Beaumont Bonelli for Cancer Research, Italy
Session Co-Chair: Ceri L Gwyther, Open University, UK

12:35 -13:05 Title: The cancer chemo-preventive potential of novel *Streptomyces* strains derived from mangrove forest in Malaysia
Learn-Han Lee, Monash University, Malaysia

Lunch Break 13:05-13:50 @ 3F Regency A

13:50 -14:20 Title: Comparative assessment of ß-lactamases produced by multidrug resistant bacteria
Juhee Ahn, Kangwon National University, Republic of Korea

14:20 -14:50 Title: The effect of RpoN on swarming in uropathogenic *Proteus mirabilis*
Shwu-Jen Liaw, National Taiwan University, Taiwan

14:50 -15:20 Title: Partitioning and purification of carboxymethyl cellulase from in aqueous biphasic system extraction
Muinat O Kazeem, UPM, Malaysia

15:20 -15:50 Title: Virological and clinical characteristics and viral shedding of children with norovirus gastroenteritis
Shih-Yen Chen, Chang Gung University, Taiwan

Networking & Refreshments Break 15:50-16:10 @ Crystal

16:10 -16:40 Title: Prevention of F18^{+} *Escherichia coli* infection in weaning pigs using polyvalent receptor analogues
Nguyen VU, Ghent University, Belgium

16:40 -17:10 Title: Control rather than eradication of pathogenic bacteria: Quorum sensing of *Vibrio vulnificus*
Sang Ho Choi, Seoul National University, Republic of Korea

17:10 -17:40 Title: Genetic context novel NDM-5 producing *E. coli* (ST405 and ST648) and *K. penumoniae* (ST11 and ST147) clinically isolated from different hospitals, Pakistan
Muhammad Usman Qamar, University of Health Science Lahore, Pakistan

17:40 -18:10 Title: Role of proteinase-inhibitory system in the pathogenesis of flu
V A Divocha, SE Ukrainian Research Institute for Medicine of Transport, Ukraine

Panel Discussions

Day 2 October 24, 2017

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Keynote Forum

09:30 -10:15 Title: One health approaches to zoonotic diseases: MERS, HPAI and AMR
Yong Ho Park, Seoul National University, Republic of Korea

10:15 -11:00	**Title: Exploiting microbial sources to deliver novel bioactive natural products** **Olga Genilloud,** Fundacion Medina, Spain
	Networking & Refreshments Break 11:00-11:20 @ Crystal
11:20 -12:05	**Title: Exploitation of *Enterobacter spp.* in microbial degradation of acrylamide: An environmental bioremedial approach** **Maulin P Shah,** Enviro Technology Limited, India

Symposium on

12:05 -13:05	**Title: An extremely excellent anti-hiv active modified nucleoside, EFdA focused on its design** **Hiroshi Ohrui,** Yokohama University of Pharmacy, Japan
	Lunch Break 13:05-13:50 @ 3F Regency A

Sessions:

Molecular Microbiology | Cellular Microbiology | Antibiotics and Chemotherapy

Clinical and Diagnostic Microbiology | Food and Beverage Microbiology

Session Introduction

Session Chair: Yong Ho Park, Seoul National University, Republic of Korea

Session Co-Chair: Ceri L Gwyther, Open University, UK

13:50 -14:20	**Title: Rapid detection of emerging infectious diseases using real-time colorimetric Reverse Transcriptional Loop-mediated Isothermal Amplification (RT-LAMP)** **Min-Suk Song,** Chungbuk National University, Republic of Korea
14:20 -14:50	**Title: Endoplasmic reticulum stress-induced calreticulin suppresses the growth of mycobacteria in macrophages** **Chang-Hwa Song,** Chungnam National University, Republic of Korea
14:50 -15:20	**Title: Double Rolling Circle Replication (DRCR): A mode of amplification of oncogene as well as drug-resistant genes and replication of HSV and chloroplast DNA** **Takashi Horiuchi,** Tokai University, Japan
	Networking & Refreshments Break 15:20 -15:40 @ Crystal
15:40 -16:10	**Title: Investigating the effect of Arbuscular Mycorrhizal Fungi(*Glomus etonicatum*) and air pollutants on growth parameters of Maize(*Zea mays L.*)** **Mobina Jamali,** Tehran Educational Organization, Iran
16:10 -16:40	**Title: Microbial solubilization of metals from electronic waste (E-waste)** **A M Deshmukh,** President Microbiology Society, India

Poster Presentations

Posters AM01-AM10 @ 16:40-17:10

Posters AM11-AM18 @ 17:10-18:40

AM01	**Title: Isolation of a bacteriophage specific for KN1 *Klebsiella pneumoniae* and characterization of its capsule depolymerase** **Yi-Jiun Pan,** China Medical University, Taiwan
AM02	**Title: Significant intestinal microbiota differences in biliary atresia infants with distinct clinical outcome** **Hsin-Yeh Lin,** Chang Gung Memorial Hospital, Taiwan
AM03	**Title: Role of stringent control in the pathogenesis of enteropathogenic *Escherichia coli* and its macrophage response** **Jang Won,** Kangwon National University, Republic of Korea
AM04	**Title: Molecular characterization of bacteriophages specific for antibiotic-resistant *Salmonella typhimurium*** **Juhee Ahn,** Kangwon National University, Republic of Korea
AM05	**Title: The antibiotic polymyxin B exhibits novel antifungal activity against *Fusarium* species infecting humans and plants** **Ying-Lien Chen,** National Taiwan University, Taiwan
AM06	**Title: Chromosomal aneuploidy improves brewing characteristics of sake yeast** **Yuki Fujimaru,** Saga University, Japan
AM07	**Title: Role of host defense peptide resistance in host-specific adaptation of methicillin-resistant *Staphylococcus aureus*** **Soo-Jin Yang,** Chung Ang University, Republic of Korea
AM08	**Title: Safety and immune-boosting effect by cytokine expression of *Lactobacillus johnsonii*, isolated from mouse intestine** **Dongjun Kim,** Sungkyunkwan University, Republic of Korea

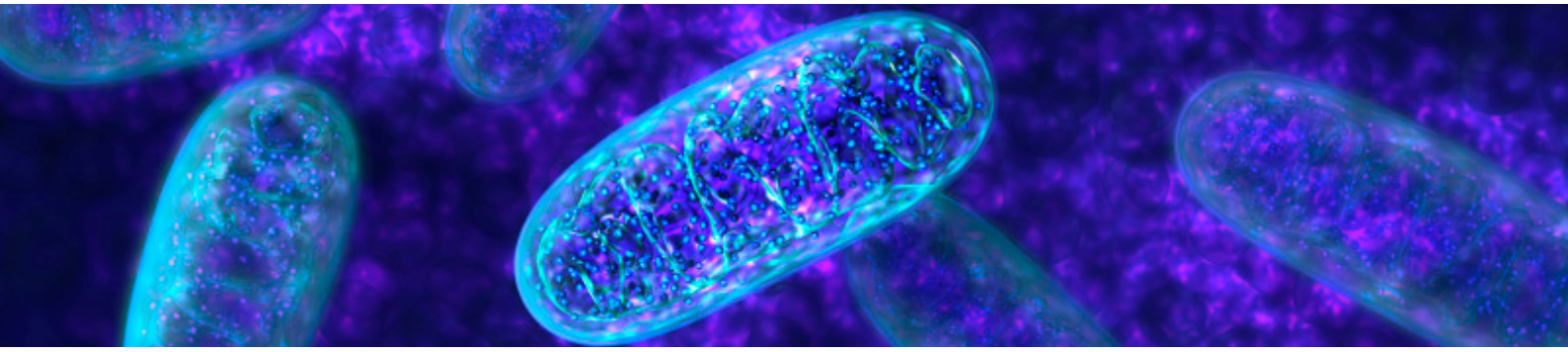
AM09	**Title: Molecular biological analysis of 3D8 VL, a nucleic acid hydrolyzing recombinant antibody derivative** **Yongjun Lee**, Sungkyunkwan University, Republic of Korea
AM10	**Title: Probiotic lactic acid bacteria as a potential antioxidant agent for control fumonisin b1-induced hepatotoxicity and nephrotoxicity in rats** **Amira A Abdellatef**, City for Scientific Research, Egypt
AM11	**Title: Distinct methanotrophs modulate soil methane oxidation in cold-temperate rice fields** **Nasrin Sultana**, Chinese Academy of Sciences, China
AM 12	**Title: Simple and highly rapid molecular diagnosis of SFTS virus using Reverse Transcriptional Loop-Mediated Isothermal Amplification (RT-LAMP)** **Yunhee Baek**, Chungbuk National University, Republic of Korea
AM 13	**Title: Prevalence and antimicrobial susceptibility of *Acinetobacter baumannii* in raw milk in Korea** **Cheong Ung Kim**, Seoul National University, Republic of Korea
AM 14	**Title: The availability of using deep-seawater as an alternative of curing solution in processing meat products** **Jae Hee Kim**, Seoul National University, Republic of Korea
AM 15	**Title: Comparison of antimicrobial resistance and multilocus sequence types between methicillin-resistant *Staphylococcus pseudintermedius* and methicillin-susceptible *Staphylococcus pseudintermedius* isolated from dogs in veterinary hospitals in Korea** **Chan-Hee Lee**, Seoul National University, Republic of Korea
AM 16	**Title: Genetic diversity of *Tuf* gene in phytoplasmas associated with grape decline in Iran** **Maryam Ghayeb Zamharir**, Agricultural Research, Education & Extension, Iran
AM 17	**Title: Molecular properties of phytoplasma associate with Acacia yellows in Iran** **Shahrokh Panahi**, Agricultural and natural sources research organization of Tehran Province, Iran
AM 18	**Title: Phenotypic and genotypic correlates of reduced vancomycin susceptibility in vancomycin-intermediate methicillin-Resistant *Staphylococcus aureus*** **Gi-Yong Lee**, Chung-Ang University, Republic of Korea

Awards and Closing Ceremony

Panel Discussions

Day 3 October 25, 2017

B2B Meetings and Networking Lunch: 12:30-13:30 @ 3F Regency A



Next in Series

3rd International Conference on

Applied Microbiology and Beneficial Microbes

October 15-16, 2018 Osaka, Japan

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