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1079th Conference

Scientific Program

3rd World Congress and Exhibition on

Antibiotics and Antibiotic Resistance

July 31-August 01, 2017 Milan, Italy



Conference Series - America
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Day 1 July 31, 2017

09:00-09:30 Registrations

Conference Hall- Manzoni+Montenapoleone

conferenceseries.com 09:30-10:00 **Opening Ceremony**

Keynote Forum

10:00-10:05	**Introduction**
10:05-10:35	**Title: Bacteriophage therapy as an effective alternative to antibiotics** **Byungse Suh**, Temple University, USA
10:35-11:05	**Title: Applications of pharmacokinetic/pharmacodynamic models for the development of antimicrobial agents** **Hartmut Derendorf**, University of Florida, USA
	Networking and Refreshment Break 11:05-11:20 @ Garden Bar floor-1
11:20-11:50	**Title: Emerging resistance to older antibiotics in Gram-negative pathogens** **Surbhi Malhotra Kumar**, University of Antwerp, Belgium

Sessions: Antibiotics | The Emergence of Antimicrobial Resistance | Antibiotic Resistance: Opportunities and Challenges | Drug Discovery and Novel Delivery Technologies | Antibiotics for Emerging and Re-emerging Diseases | Antibiotics and Mechanism of Action | Different Types of Antibiotics and their Applications | Micro Organisms in Recent Drug Discovery

Session Chair: Tadashi Shimamoto, Hiroshima University, Japan
Session Co-Chair: John James Stewart Cadwell, FiberCell Systems Inc., USA

11:50-12:15	**Title: The hollow fiber infection model for antimicrobial pharmacodynamics and pharmacokinetics** **John James Stewart Cadwell**, FiberCell Systems Inc., USA
12:15-12:40	**Title: Antibacterial activity of recombinant and synthetic hepcidin** **Marie-Agnes SARI**, Universite Paris Descartes, France
12:40-13:05	**Title: Fossil shell powder as a superoxide generator displays broad antimicrobial spectrum against human pathogens** **Yasuhiro Igarashi**, Toyama Prefectural University, Japan
	Lunch Break 13:05-13:45 @ Restaurant- Ground floor
13:45-14:10	**Title: Detection of the mcr-1 colistin resistance gene and Extended-Spectrum Beta-Lactamase (ESBL)-producing Escherichia coli from poultry in Qatar** **Nahla Omer Ahmed Eltai**, Qatar University, Qatar
14:10-14:35	**Title: From discovery to preclinical studyof N-Rephasin® SAL200: A novel antibacterial drug for multidrug-resistant Staphylococci-associated Infections** **Myung-Soo Kang**, iNtRON Biotechnology, South Korea
14:35-15:00	**Title: What drives using antibiotic without prescriptions? A mixed-methods study of university students perspectives in United Arab Emirates** **Khalid Awad Al-Kubaisi**, University of Gloucestershire, UAE
15:00-15:25	**Title: Bacterial pathogen responsible for urinary tract infection in patient attending to general OPD of B.P. Koirala Institute of Health Sciences, Dharan** **Tula Krishna Gupta**, B P Koirala Institute of Health Sciences, Nepal
15:25-15:50	**Title: Consider ertapenem as culprit for central nervous system related adverse effects** **Teck Kim Tie**, Changi General Hospital, Singapore

15:50-16:15	**Title: Survey on antimicrobial prescribing patterns in small animal veterinary practice as a tool for drawing up guidelines for the correct use of antimicrobials in pets** **Andrea Barbarossa**, University of Bologna, Italy
	Panel Discussion
	Networking and Refreshment Break 16:15-16:30 @ Garden Bar floor-1
	Panel Discussion

Day 2 August 01, 2017

Conference Hall- Manzoni+Montenapoleone

Keynote Forum

10:00-10:30	**Title: Immunosuppression and Infection** **Samir Kumar-Singh**, University of Antwerp, Belgium
10:30-11:00	**Title: Molecular characterization of carbapenemase-producing Gram-negative bacteria in Egypt** **Tadashi Shimamoto**, Hiroshima University, Japan
	Networking and Refreshment Break 11:00-11:15 @ Garden Bar floor-1
11:15-11:45	**Title: Aminoglycosides bladder irrigation for treatment of multidrug resistant organisms might be an option to treat complex cases of bacteriuria in the era of resistance and limited options** **Siham M Mahgoub**, Alzahra Hospital Dubai, UAE
	Sessions: Clinical Trials of Antibiotics | Modern Antibiotics for Various Diseases and Infections | Antibiotic Regulatory Affairs |Advances in Antibiotic Treatment | Antibiotics for Cancer | Antibiotics: In Pregnancy and Lactation | Antibiotic Prophylaxis | Antibiotics in Different Industries | Antibiotics for Emerging and Re-emerging diseases
	Session Chair: Byungse Suh, Temple University, USA
	Young Research Forum
11:45-12:05	**Title: Antibiotics in care homes-a retrospective analysis of medicines administration records** **Fadya Al-Hamadani**, Cardiff University, UK
12:05-12:25	**Title: A novel CTX-M14 related beta-lactamase renders *E.coli* sensitive to the antibiotic nitrofurantoin used to treat urinary tract infections** **Yasir Al-Mehdi Edowik**, Bangor University, UK
12:25-12:45	**Title: Antimicrobial capacity of plant extracts and pure polyphenolic compounds on intrahospital pathogenic species** **Francisco Javier Alvarez Martinez**, Miguel Hernandez University of Elche, Spain
12:45- 13:05	**Title: *In vitro* cytotoxicity and efficacy against Rhodococcus equi of azithromycin plus rifampicin microparticle combinations** **Elisa Rampacci**, University of Perugia, Italy
	Lunch Break 13:05-13:45 @ Restaurant- Ground floor
	Poster Presentations @ Meeting Room 13:45-14:45
ANTB001	**Title: Nanotechnology for combating multi-drug resistance: A next generation antimicrobial therapy** **Tikam Chand Dakal**, Manipal University, India
ANTB002	**Title: Study effect of Indian *Costus* and sea-qust oil extract on some opportunistic bacteria and yeast** **Manal Othman Al-Kattan**, King Abdulaziz University, Saudi Arabia
ANTB003	**Title: Novel *Staphylococcal phage endolysin*, SAL-1** **Gi-Mo Jung**, iNtRON Biotechnology, South Korea

ANTB004 **Title: Molecular screening *in silico* for the discovery of inhibitors of PBP2a**

Francisco Javier Alvarez Martinez, Miguel Hernandez University of Elche, Spain

ANTB005 **Title: Antibiotic consumption of hospitalization in China (2011-2014): An analysis of CAS data**

Xiaoyuan Qu, Shandong University, China

ANTB006 **Title: *Staphylococci* from food as a reservoir of antibiotic resistance genes**

Wioleta Chajęcka-Wierzchowska, University of Warmia and Mazury in Olsztyn, Poland

Award Ceremony



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4th World Congress and Exhibition on

Antibiotics and Antibiotic Resistance

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