3rd World Congress and Exhibition on

Antibiotics and Antibiotic Resistance

July 31-August 01, 2017  Milan, Italy
Day 1    July 31, 2017

Registrations

Conference Hall- Manzoni+Montenapoleone

Opening Ceremony

Keynote Forum

**Introduction**

**Title:** Bacteriophage therapy as an effective alternative to antibiotics  
Byungse Suh, Temple University, USA

**Title:** Applications of pharmacokinetic/pharmacodynamic models for the development of antimicrobial agents  
Hartmut Derendorf, University of Florida, USA

**Networking and Refreshment Break**

**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

**Title:** The hollow fiber infection model for antimicrobial pharmacodynamics and pharmacokinetics  
John James Stewart Cadwell, FiberCell Systems Inc., USA

**Title:** Antibacterial activity of recombinant and synthetic hepcidin  
Marie-Agnes SARI, Universite Paris Descartes, France

**Title:** Fossil shell powder as a superoxide generator displays broad antimicrobial spectrum against human pathogens  
Yasuhiro Igarashi, Toyama Prefectural University, Japan

**Lunch Break**

**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

**Title:** From discovery to preclinical study of N-Rephasin® SAL200: A novel antibacterial drug for multidrug-resistant Staphylococci-associated Infections  
Myung-Soo Kang, iNTRON Biotechnology, South Korea

**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

**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

**Title:** Consider ertapenem as culprit for central nervous system related adverse effects  
Teck Kim Tie, Changi General Hospital, Singapore

**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

**Title:** Influence of antibiotic resistance on plasma susceptibility of multi-drug resistant clinical isolates of enterococci  
Georg Daeschlein, University Medicine Greifswald, Germany

Panel Discussion
Day 2  August 01, 2017
Conference Hall- Manzoni+Montenapoleone

Keynote Forum

Title: Immunosuppression and Infection
Samir Kumar-Singh, University of Antwerp, Belgium
Title: Molecular characterization of carbapenemase-producing Gram-negative bacteria in Egypt
Tadashi Shimamoto, Hiroshima University, Japan

Networking and Refreshment Break

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

Session Chair: Byungse Suh, Temple University, USA

Young Research Forum

Title: Antibiotics in care homes—a retrospective analysis of medicines administration records
Fadya Al-Hamadani, Cardiff University, UK
Title: A novel CTX-M14 related beta-lactamase renders \textit{E.coli} sensitive to the antibiotic nitrofurantoin used to treat urinary tract infections
Yasir Al-Mehdi Edowik, Bangor University, UK
Title: Antimicrobial capacity of plant extracts and pure polyphenolic compounds on intrahospital pathogenic species
Francisco Javier Alvarez Martinez, Miguel Hernandez University of Elche, Spain
Title: \textit{In vitro} cytotoxicity and efficacy against \textit{Rhodococcus equi} of azithromycin plus rifampicin microparticle combinations
Elisa Rampacci, University of Perugia, Italy

Lunch Break

Poster Presentations

\textbf{ANTB001}
Title: Nanotechnology for combating multi-drug resistance: A next generation antimicrobial therapy
Tikam Chand Dakal, Manipal University, India

\textbf{ANTB002}
Title: Study effect of Indian \textit{Costus} and sea-qust oil extract on some opportunistic bacteria and yeast
Manal Othman Al-Kattan, King Abdulaziz University, Saudi Arabia

\textbf{ANTB003}
Title: \textit{Novel Staphylococcal phage endolysin, SAL-1}
Gi-Mo Jung, iNtRON Biotechnology, South Korea

\textbf{ANTB004}
Title: Molecular screening \textit{in silico} for the discovery of inhibitors of PBP2a
Francisco Javier Alvarez Martinez, Miguel Hernandez University of Elche, Spain

\textbf{ANTB005}
Title: Antibiotic consumption of hospitalization in China (2011-2014): An analysis of CAS data
Xiaoyuan Qu, Shandong University, China

\textbf{ANTB006}
Title: \textit{Staphylococci} from food as a reservoir of antibiotic resistance genes
Wioleta Chajecka-Wierzchowska, University of Warmia and Mazury in Olsztyn, Poland