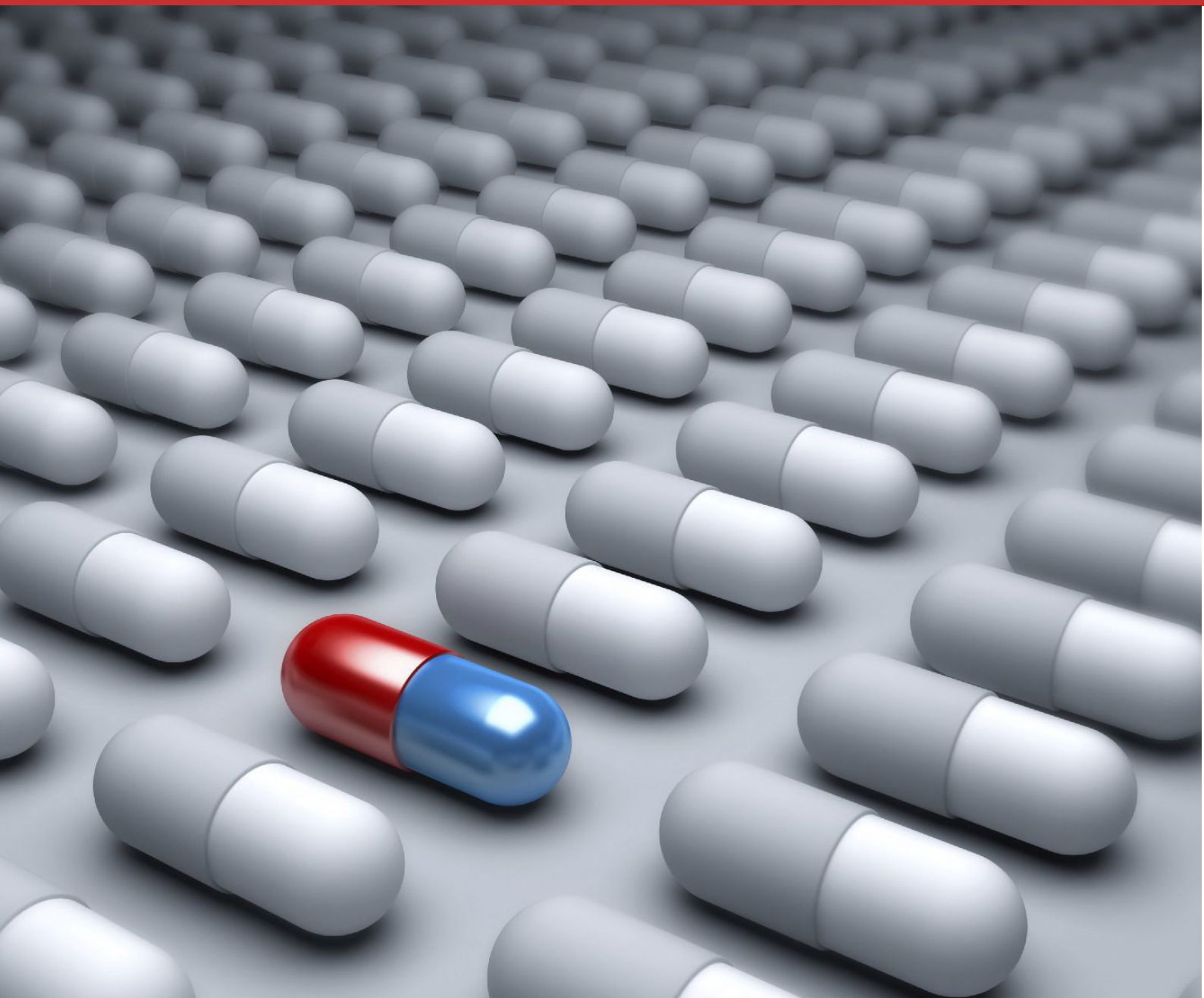


2nd World Congress and Exhibition on

Antibiotics and Antibiotic Resistance

October 13-15, 2016 Manchester, UK



Hosting Organizations: Conference Series LLC

2360 Corporate Circle., Suite 400 Henderson, NV 89074-7722, USA

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08:30-09:30 Registrations

Meeting room 105

conference**series**.com

09:30-09:55

Opening Ceremony

Keynote Forum

09:55-10:00 **Introduction**

10:00-10:35 **Title: Overcoming antimicrobial resistance**

Byungse Suh, Temple University School of Medicine, USA

10:35-11:10 **Title: Relationships between pathogen behaviour, immunity and efficacy of antimicrobial drugs within a mammalian host**

Pietro Mastroeni, University of Cambridge, UK

Networking and Refreshments 11:10-11:30 @ Foyer

11:30-12:05 **Title: Current state-of-the-art in antibiotics, antibiotic resistance and novel antibacterial strategies**

Samir Kumar-Singh, University of Antwerp, Belgium

Sessions:

The Emergence of Antimicrobial Resistance | Antibiotic Resistance: Opportunities and Challenges | Different Types of Antibiotics and their Applications | Modern Antibiotics for Various Diseases and Infections | Drug Discovery and Novel Delivery Technologies

Session Chair: Mario A Bianchet, Johns Hopkins School of Medicine, USA

Session Co-Chair: Marc Devocelle, Royal College of Surgeons in Ireland, Ireland

Session Introduction

12:05-12:30 **Title: *Galleria mellonella* as a model for antimicrobial drug screening**

Richard W Titball, University of Exeter, UK

12:30-12:55 **Title: Structural insight into mechanisms of inactivation of L,D transpeptidases by carbapenems**

Mario A Bianchet, Johns Hopkins School of Medicine, USA

Lunch Break 12:55-13:40 @ Foyer

13:40-14:05 **Title: Antimicrobial peptide prodrugs activated by Neutrophil Elastase**

Marc Devocelle, Royal College of Surgeons in Ireland, Ireland

14:05-14:30 **Title: Genomic study of reversion of antibiotic resistance reversion in multidrug resistant *Mycobacterium tuberculosis* SCAID 187.0 by a new drug FS-1**

Oleg Reva, University of Pretoria, South Africa

14:30-14:55 **Title: Hybrid antibacterial agents as a tool to overcome the problem of bacterial resistance studies on 1,2,4-triazole-ciprofloxacin hybrids**

Anna Malm, Medical University of Lublin, Poland

14:55-15:20 **Title: Treatment of cerebral mucormycosis with prolonged liposomal Amphotericin B (LAMB) (> 900 days)**

Byungse Suh, Temple University School of Medicine, USA

15:20-15:45 **Title: Computational design and validation of some novel, non pteridine analogs as selective *Mycobacterium tuberculosis* dihydrofolate reductase inhibitors**

Mymoona Akhter, Jamia Hamdard University, India

Networking and Refreshments 15:45-16:05 @ Foyer

16:05-16:30 **Title: Surviving Antimicrobial Resistance**

Andrew Cross, ACT Surfaces Ltd, UK

16:30-16:55 **Title: How much misleading the results of *In vitro* antibiotic susceptibility comparing to *In vivo* data**

Tarek El-Banna, Tanta University, Egypt

Panel Discussion

Meeting room 105

Keynote Forum

Introduction

10:00-10:35 Title: Penicillin revisited

Herbert B Allen, Drexel University, USA

10:35-11:10 Title: Structure based drug design to address bacterial antibiotic resistance

Mario A Bianchet, Johns Hopkins School of Medicine, USA

Networking and Refreshments 11:10-11:30 @ Foyer

11:30-12:05 Title: Breaking the chain of infection - How copper can help tackle Antimicrobial Resistance

Andrew Cross, ACT Surfaces Ltd, UK

Sessions:

Antibiotic Resistance: Opportunities and Challenges | Antibiotics in Different Industries | Drug Discovery and Novel Delivery Technologies | Antibiotics for Emerging and Re-emerging Diseases | Micro Organisms in Recent Drug Discovery

Session Chair: Richard W Titball, University of Exeter, UK

Session Co-Chair: Pietro Mastroeni, University of Cambridge, UK

Session Introduction

12:05-12:30 Title: What is the role of local antibiotics in prosthesis-associated joint infections?

Christof Berberich, Heraeus-Medical GmbH, Germany

12:30-12:55 Title: Differential expression profile of *Pseudomonas aeruginosa* in sub-inhibitory concentrations of beta lactam, aminoglycoside and polymyxin antibiotics

Samir Kumar-Singh, University of Antwerp, Belgium

Lunch Break 12:55-13:40 @ Foyer

13:40-14:05 Title: To differentiate significant infection or colonisation for treat or not to treat *A. baumannii* isolates in suspected VAP? Study in 2011-2015 (5 years period)

Khine Swe Swe, University of KwaZulu-Natal, South Africa

14:05-14:30 Title: Epidemic of scrub typhus infection in Northern Sri Lanka- Susceptibility of Doxycycline monotherapy

Jebananthi Anandaselvam Pradeepan, University of Jaffna, Sri Lanka

14:30-14:55 Title: Evaluation of biological activities of nine medicinal plants and isolation and identification of antimicrobial compound(s) from *Pomaria sandersonii* and *Alepidea amatymbica*

Fanyana Mtunzi, Vaal University of Technology, South Africa

14:55-15:20 Title: Strategies for improved production of Rapamycin using sequential UV mutagenesis study by *Streptomyces ghanaensis* MTCC 4003

Apurba Dey, National Institute of Technology, India

Young Researchers Forum

15:20-15:45 Title: Antimicrobial photodynamic therapy as a promising tool to overcome antibiotic resistance

Carolina dos Santos Vinagreiro, University of Coimbra Rua Larga, Portugal

15:45-16:10 Title: Ring-fused 2-pyridones inactivate the virulence regulator PrfA of *Listeria monocytogenes*

Martina Kulén, Umeå University, Sweden

Networking and Refreshments 16:10-16:30 @ Foyer

16:30-16:55 Title: Risk assessment of aminoglycoside resistance genes at sub inhibitory concentrations: Cross resistance patterns [aph(3)IIIa, aac-aph] in *Enterococcus faecalis* 33-1, adaptive selection in *Lactobacillus plantarum* C27b MCC3011 and in-vitro conjugal transfer

Jaimee George, Central Food Technological Research Institute, India

16:55-17:20 Title: A homology model of *Staphylococcus aureus* phenylalanine tRNA synthetase: Active site analysis and docking interactions

Samar S Elbaramawi, Cardiff University, UK

Poster Presentations 17:20-18:20 @ Foyer

ANTB001 Title: Molecular characterization of Extended-Spectrum Beta-Lactamases (ESBLs) produced by clinical isolates of *Acinetobacter baumannii* in Saudi Arabia

Essam J Alyamani, King Abdulaziz City for Science and Technology, KSA

- ANTB002** **Title: Comparative pharmacodynamics of selected antimicrobials against *Escherichia coli* strains isolated from dogs**
Georgios A Delis, Aristotle University of Thessaloniki, Greece
- ANTB003** **Title: The synthesis and bioactivity investigation of Polymyxin components**
Along Cui, Chinese Academy of Medical Sciences & Peking Union Medical College, China
- ANTB004** **Title: Silver nanoparticles as broad spectrum antibacterial agent**
Ann Lok Yan So, Hong Kong Polytechnic University, Hong Kong
- ANTB005** **Title: Effects of steroidal alkaloids from *Holarrhena antidysenterica* and conessine as efflux pump inhibitors against *Pseudomonas aeruginosa***
Thanyaluck Siriyong, Prince of Songkla University, Thailand
- ANTB006** **Title: Co-existence of blaOXA-23 with armA in quinolone-resistant acinetobacter baumannii from a Chinese university hospital**
Baodong Ling, Chengdu Medical College, China
- ANTB007** **Title: Riboswitch control of aminoglycoside antibiotic resistance**
Xu Jia, Fudan University, China
- ANTB008** **Title: Effect of local anesthetics on channel-forming activity of Gramicidin A**
Anastasiia Zakharaova, Institute of Cytology of the Russian Academy of Sciences, Russia
- ANTB009** **Title: The anti-bacterial activity of minocycline against Methicillin Sensitive Staphylococcus Aureus (MSSA) and Methicillin Resistance Staphylococcus Aureus (MRSA)**
Sitelbanat Yassin, University of Gezira, Sudan
- ANTB010** **Title: Phytochemical and antimycobacterial activity of henna (*Lawsonia inermis* L.) extract, some phytoconstituents and their silver complex**
Anwar Mohammed Abdelrahman Abdelhalim, University of Gezira, Sudan
- ANTB011** **Title: Prevalence of blaPER-1 and blaVEB-1 genes among ESBL-producing Acinetobacter baumannii isolated from two hospitals of Tehran, Iran**
Roxana M Ghanaie, Shahid Beheshti University of Medical Sciences, Iran

Panel Discussions

Award Ceremony

Day 3 | October 15, 2016 | Saturday

B2B Meetings, Extended Networking and Lunch 12:30-13:30 @ Foyer



Bookmark your dates

3rd World Congress on

Antibiotics & Antibiotic Resistance

July 31-August 02, 2017 Milan, Italy

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Website: antibiotics.pharmaceuticalconferences.com