375th OMICS International Conference

OMICS International conferenceseries.com

September 2015 Volume 6, Issue 4
ISSN: 2157-7609

Journal of Drug Metabolism & Toxicology

Open Access

Proceedings of

World Congress and Exhibition on

Antibiotics

September 14-16, 2015 Las Vegas, USA



Exhibitor

AFFINITY BIOSENSORS

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Scientific Program

Day 1 **September 14, 2015**

09:00-10:00 **Registrations**

Riviera

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9:30-10:00 **Opening Ceremony**

Keynote Forum

Introduction

10:00-10:30 **Using synergies to potentiate drugs such as vancomycin in Gram negative bacteria**

Jeffrey H Miller, University of California, USA

10:30-11:00 **The hollow fiber infection model for antimicrobial pharmacodynamics and pharmacokinetics**

John J S Cadwell, Fiber Cell Systems Inc., USA

Coffee Break 11:00-11:15 @ Atrium

Symposia on *Clostridium Difficile*

11:15-12:00	***Clostridium difficile*- an evolving pathogen**
	Glenn S Tillotson, TranScrip Partners, USA
12:00-12:45	**SMT 19969: A selective agent for *Clostridium difficile* infection**
	Richard Vickers, Summit Therapeutics, UK

Sessions:

- The Vast Area of Antibiotics & Antibiotic Prophylaxis
- Antibiotic Resistance: Opportunities and Challenges
- Microorganisms in Recent Drug Discovery
- Responsible Use of Antibiotics
- Optimization of therapy-General principles

Session Chair: Glenn S Tillotson, TranScrip Partners, USA

Session Introduction

12:45-13:10	**Glycopeptides revisited**
	Jon B Bruss, Theravance Biopharma, USA
13:10-13:35	**Characterization of integrons and antimicrobial resistance genes in Gram-negative bacteria isolated from seafood in Japan: Identification of a novel β-lactamase-encoding gene, blaCMY-39**
	Tadashi Shimamoto, Hiroshima University, Japan

Group Photo

Networking & Lunch Break 13:35-14:20 @ Atrium

14:20-14:45	**Penicillin: The new/old wonder drug**
	Herbert Allen, Drexel University, USA
14:45-15:10	**Nonthermal Plasma-Treated solutions as Antimicrobial Agents in Control of Multi-Drug Resistant Pathogens**
	Suresh G. Joshi, Drexel University College of Medicine, USA
15:10-15:35	**Antibiotic stewardship – A role for managed care**
	Douglas Burgoyne, VRx Pharmacy Services, USA

Coffee Break 15:35-15:50 @ Atrium

15:50-16:15	**The first report of CMY, aac (6')-Ib and 16S rRNA methylase genes among *Pseudomonas aeruginosa* isolates from Iran**
	Sedigheh Rafiei Tabatabaei, Shaheed Beheshti University, Iran
16:15-16:40	**Tackling Antibiotic Resistance for Global Health: Future Challenges**
	Gannu Praveen Kumar, Sahasra Institute of Pharmaceutical Sciences, India

16:40-17:05	**Comparative Study of Antimicrobial Activities of two type of TiO_2 Nanoparticles Against the Pathogenic Strain of *Escherichia coli*** **Rehab K. Alhajjar,** King Saud University, Saudi Arabia
17:05-17:30	**Strategies to combat bacterial resistance: Towards development of future antibacterial drugs** **Jayanta Haldar,** Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), India
	Young Research Forum
17:30-17:55	**Emergence of Multi Drug Resistance *Escherichia coli* strains against clinically significant antibiotics from river system, India** **Richa Bhardwaj,** Guru Gobind Singh Indraprastha University, India
	Panel Discussion
	Cocktails 18:00-19:00

	Day 2 September 15, 2015
	Riviera
	Keynote Forum
10:00-10:30	**Antibiotic resistance: The holistic viewpoint of outcomes and costs** **Glenn S Tillotson,** TranScrip Partners, USA
10:30-11:00	**Antibiotic prescribing for respiratory tract infections in primary care** **Martin Duerden,** Bangor University, UK
	Coffe Break: 11:00-11:15 @ Atrium
	Exclusive Session
11:15-12:15	**Development and procurement of biotechnology for emerging disease and engineered threats in the public health preparedness sector** **John M. Clerici,** Tiber Creek Partners, USA
	Sessions: • Antibiotics in Prevention and Treatment of Inflammatory and Infectious Diseases • Antibiotics: Water Born Diseases • Antibiotics and Allergies: Clinical Update • Antibiotics: Agriculture, Veterinary and Aquaculture • Antibiotics in Child care, Dental and Oral care • Antibiotics for Emerging and Re-emerging Diseases
	Session Chair: John M. Clerici, Tiber Creek Partners, USA
	Session Introduction
12:15-12:40	**Analysis of ascitic fluid lactoferrin levels in the diagnosis of spontaneous bacterial peritonitis after systemic antibiotic treatment** **Tsung Hsing Chen,** Chang Gung University College of Medicine, Taiwan
12:40-13:05	**Earlier Appropriate Antibiotics Treatment of Ventilator Associated Tracheaobronchitis: Now or Wait?** **Yuxiu Lei,** Lahey Hospital & Medical Center, USA
	Networking & Lunch Break 13:05-13:50 @ Atrium
13:50-14:15	**The prevalence of Carbapenem Resistant Gram Negative Bacteria (CRGNB) and Methicillin Resistant *Staphylococcus aureus* (MRSA) in a central referral hospital, Durban, South Africa between 2010-2014** **Khine SweSwe- Han,** University of KwaZulu-Natal, South Africa
14:15-14:40	**The impact of substandard antibiotics, is it beyond the individual?** **Glenn S Tillotson,** TranScrip Partners, USA
14:40-15:05	**Changes in antibiotic sensitivity in children with *Helicobacter pylori* infection** **Marco Manfredi,** University of Parma, Italy
15:05-15:30	**A novel oil produced by *Aureobasidium pullulans* has antibacterial activity with specificity for species of *Streptococcus*** **Kenneth Bischoff,** National Center for Agricultural Utilization Research, USA

Video Presentation	
15:30-15:55	**New Strategies to develop antibiotics for treatment of *Pseudomonas aeruginosa* and *Leishmania infections***
	Alessandra Piccitto, Durham University, UK
Coffe Break: 15:55-16:10 @ Atrium	
Poster Sessions & Award Ceremony @ 16:10-17:00	
Cocktails 18:00-19:00	

Day 3 September 16, 2015	
Riviera	
Sessions: • Modern antibiotics: Emerging trends, Barriers and Opportunities • Antibiotics: Market Analysis & Business Opportunities • Antibiotic Regulatory Affairs • Antibiotics and Mechanism • Drug Discovery and Novel Delivery Technologies	
Session Chair: Mario A Bianchet, Johns Hopkins University School of Medicine, USA	
Session Introduction	
10:00-10:25	**Fluoroquinolones-A maligned class being re-discovered?**
	Glenn S Tillotson, TranScrip Partners USA
10:25-10:50	***Mycobacterium tubercolosis* cell-wall biosynthesis as target of Carbapenems**
	Mario A Bianchet, Johns Hopkins University School of Medicine, USA
Coffe Break: 10:50-11:05 @ Atrium	
11:05-11:30	**Biofilm Dispersing NO-Donor Cephalosporins Activated by b-Lactamase**
	Michael kelso, University of Wollongong, Austarlia
11:30-11:55	**Anti-methicillin-resistant *Staphylococcus aureus* assay of azalomycin F and its derivatives**
	Ganjun Yuan, Jiangxi Agricultural University, China
11:55-12:20	**Thiazole antibiotics against cancer**
	Andrei L Gartel, University of Illinois, USA
12:20-12:45	**Use of Probiotics in Guinea Pigs (*Cavia porcelllus*)**
	Jorge Ernesto Guevara Vasquez, National University Mayor de San Marcos – Lima-Perú
	Video Presentation
12:45-13:10	**Evaluation of antibiotic hypersensitivity in hospital setting. In vivo and in vitro testing by using standardized epicutaneous, intradermal, oral provocation tests and a rapid IL-6 release assay on the peripheral mononuclear cells**
	Baló-Banga J M, Medical Center of the Hungarian Defense Forces, Hungary
Networking & Lunch Break 13:15-14:00 @ Atrium	