Tentative Program

4th World Congress and Exhibition on
Antibiotics & Antibiotic Resistance
June 14-15, 2018   Barcelona, Spain

Interactive Sessions   Keynote Lectures   Plenary Lectures   Workshops
Exhibitors   B2B Meetings

*** For available speaker slots ***

antibiotics@conferenceseries.net

http://antibiotics.pharmaceuticalconferences.com/
4th World Congress and Exhibition on
Antibiotics and Antibiotic Resistance

June 14-15, 2018 Barcelona, Spain

Program at a Glance

**Day 1**

<table>
<thead>
<tr>
<th>Time</th>
<th>General Session</th>
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<tbody>
<tr>
<td>08.00-09.00</td>
<td>Inaugural Address</td>
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<tr>
<td>09.00-09.15</td>
<td>Least of 3 Keynote/Plenary</td>
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<tr>
<td></td>
<td>Talks</td>
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<tr>
<td>09.15-09.45</td>
<td>Keynote/Plenary Talk 1</td>
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<td>09.45-10.15</td>
<td>Keynote/Plenary Talk 2</td>
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<td>10.15-10.45</td>
<td>Keynote/Plenary Talk 3</td>
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<td>11.00-12.40</td>
<td>Coffee/Tea Break 10.45-11.00</td>
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<td></td>
<td>(Networking)</td>
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<tr>
<td>15.45-17.25</td>
<td>Coffee/Tea Break 15.30-15.45</td>
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<td></td>
<td>(Networking)</td>
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**Day 2**

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<tr>
<th>Time</th>
<th>Session 1</th>
<th>Session 2</th>
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<tr>
<td>09.00-10.40</td>
<td>5 Speakers</td>
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<td>(20 Mins Each)</td>
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<tr>
<td>10.55-12.35</td>
<td>5 Speakers</td>
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<td>(20 Mins Each)</td>
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<tr>
<td>13.25-15.05</td>
<td>5 Speakers</td>
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<td>15.20-17.00</td>
<td>5 Speakers</td>
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**Note:** Program Schedule is subject to change with final allotment of the speaker slots

**For more Details PS:** http://antibiotics.pharmaceuticalconferences.com/
antibiotics@conferenceseries.net | antibiotics@pharmaceuticalconferences.org
Conference Highlights

- Antibiotics
- The Emergence of Antimicrobial Resistance
- Antibiotic Resistance: Opportunities and Challenges
- Different Types of Antibiotics and their Applications
- Modern Antibiotics for Various Diseases and Infections
- Antibiotic Prophylaxis
- Antibiotics in Different Industries
- Drug Discovery and Novel Delivery Technologies
- Antibiotics for Emerging and Re-emerging Diseases
- Micro Organisms in Recent Drug Discovery
- Antibiotic Regulatory Affairs
- Antibiotics: Market Analysis & Business Opportunities
Glimpses of Past Conferences
Glimpses of Antibiotics 2017
Plan your Trip to Barcelona, Spain

La Sagrada Familia

Magic Fountain show

Park Guell by Gaudi

FC Barcelona museum & Camp Nou stadium

Cathedral Santa Creu

Modernist buildings
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
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 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: In vitro cytotoxicity and efficacy against Rhodococcus equi of azithromycin plus rifampicin microparticle combinations
Elisa Rampacci, University of Perugia, Italy

Lunch Break

Poster Presentations

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 Chałęcka-Wierzchowska, University of Warmia and Mazury in Olsztyn, Poland
Title: Antimicrobial susceptibility and resistance for local use in ophthalmology
Simona Scalabrin, University of Turin, Italy

Award Ceremony

Bookmark your dates

4th World Congress and Exhibition on
Antibiotics and Antibiotic Resistance
June 14-16, 2018 Barcelona, Spain

E: antibiotics@conferenceseries.net
W: antibiotics.pharmaceuticalconferences.com
Scientific Program

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

Conference Series Ltd
Kemp House, 152 City Road, London EC1V 2NX, UK, Tel: +1-800-216-6499
Email: antibiotics@conferenceseries.net
Day 1 | October 13, 2016 | Thursday

Meeting room 105

Registrations

Meeting room 105

conference.com

Opening Ceremony

Keynote Forum

Introduction
Title: Overcoming antimicrobial resistance
Byungse Suh, Temple University School of Medicine, USA

Title: Relationships between pathogen behaviour, immunity and efficacy of antimicrobial drugs within a mammalian host
Pietro Mastroeni, University of Cambridge, UK

Networking and Refreshments @ Foyer
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
Title: Galleria mellonella as a model for antimicrobial drug screening
Richard W Titball, University of Exeter, UK

Title: Structural insight into mechanisms of inactivation of L,D transpeptidases by carbapenems
Mario A Bianchet, Johns Hopkins School of Medicine, USA

Lunch Break @ Foyer
Title: Antimicrobial peptide prodrugs activated by Neutrophil Elastase
Marc Devocelle, Royal College of Surgeons in Ireland, Ireland

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

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

Title: Treatment of cerebral mucormycosis with prolonged liposomal Amphotericin B (LAMB) (> 900 days)
Byungse Suh, Temple University School of Medicine, USA

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 @ Foyer
Title: Surviving Antimicrobial Resistance
Andrew Cross, ACT Surfaces Ltd, UK

Title: How much misleading the results of In vitro antibiotic susceptibility comparing to In vivo data
Tarek El-Banna, Tanta University, Egypt

Panel Discussion
Day 2 | October 14, 2016 | Friday
Meeting room 105
# Keynote Forum

**Title: Penicillin revisited**  
Herbert B Allen, Drexel University, USA

**Title: Structure based drug design to address bacterial antibiotic resistance**  
Mario A Bianchet, Johns Hopkins School of Medicine, USA

**Title: Breaking the chain of infection - How copper can help tackle Antimicrobial Resistance**  
Andrew Cross, ACT Surfaces Ltd, UK

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## Sessions:

**Antibiotic Resistance: Opportunities and Challenges | Antibiotics in Different Industries and Novel Delivery Technologies | Antibiotics for Emerging and Re-emerging Diseases | 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

**Title: What is the role of local antibiotics in prosthesis-associated joint infections?**  
Christof Berberich, Heraeus-Medical GmbH, Germany

**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

**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

**Title: Epidemic of scrub typhus infection in Northern Sri Lanka- Susceptibility of Doxycycline monotherapy**  
Jebananthy Anandaseelavam Pradeepan, University of Jaffna, Sri Lanka

**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

**Title: Strategies for improved production of Rapamycin using sequential UV mutagenesis study by Streptomyces ghanaensis MTCC 4003**  
Apurba Dey, National Institute of Technology, India

**Title: Antimicrobial photodynamic therapy as a promising tool to overcome antibiotic resistance**  
Carolina dos Santos Vinagreiro, University of Coimbra Rua Larga, Portugal

**Title: Ring-fused 2-pyridones inactivate the virulence regulator PrfA of Listeria monocytogenes**  
Martina Kulén, Umeå University, Sweden

### Lunch Break @ Foyer

**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

**Title: A homology model of Staphylococcus aureus phenylalanine tRNA synthetase: Active site analysis and docking interactions**  
Samar S Elbaramawi, Cardiff University, UK

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## Young Researchers Forum

**Title: Antimicrobial photodynamic therapy as a promising tool to overcome antibiotic resistance**  
Carolina dos Santos Vinagreiro, University of Coimbra Rua Larga, Portugal

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**Title: A homology model of Staphylococcus aureus phenylalanine tRNA synthetase: Active site analysis and docking interactions**  
Samar S Elbaramawi, Cardiff University, UK

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## Poster Presentations @ 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
Title: Silver nanoparticles as broad spectrum antibacterial agent
Ann Lok Yan So, Hong Kong Polytechnic University, Hong Kong

Title: Effects of steroidal alkaloids from Holarrhena antidysenterica and conessine as efflux pump inhibitors against Pseudomonas aeruginosa
Thanyaluck Siriyong, Prince of Songkla University, Thailand

Title: Co-existence of blaOXA-23 with armA in quinolone-resistant acinetobacter baumannii from a Chinese university hospital
Baodong Ling, Chengdu Medical College, China

Title: Riboswitch control of aminoglycoside antibiotic resistance
Xu Jia, Fudan University, China

Title: Effect of local anesthetics on channel-forming activity of Gramicidin A
Anastasiia Zakharova, Institute of Cytology of the Russian Academy of Sciences, Russia

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

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

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
Proceedings of
World Congress and Exhibition on
Antibiotics
September 14-16, 2015   Las Vegas, USA
### Keynote Forum

**Introduction**

Using synergies to potentiate drugs such as vancomycin in Gram negative bacteria

**Jeffrey H Miller**, University of California, USA

The hollow fiber infection model for antimicrobial pharmacodynamics and pharmacokinetics

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

### Symposia on Clostridium Difficile

_Clostridium difficile - an evolving pathogen_

**Glenn S Tillotson**, TranScrip Partners, USA

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

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**Glycopeptides revisited**

**Jon B Bruss**, Theravance Biopharma, USA


**Tadashi Shimamoto**, Hiroshima University, Japan

**Penicillin: The new/old wonder drug**

**Herbert Allen**, Drexel University, USA

Nonthermal Plasma-Treated solutions as Antimicrobial Agents in Control of Multi-Drug Resistant Pathogens

**Suresh G. Joshi**, Drexel University College of Medicine, USA

Antibiotic stewardship – A role for managed care

**Douglas Burgoyne**, VRx Pharmacy Services, USA

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**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

**Tackling Antibiotic Resistance for Global Health: Future Challenges**

**Gannu Praveen Kumar**, Sahasra Institute of Pharmaceutical Sciences, India

**Comparative Study of Antimicrobial Activities of two type of TiO₂ Nanoparticles Against the Pathogenic Strain of _Escherichia coli_**

**Rehab K. Alhajjar**, King Saud University, Saudi Arabia

**Strategies to combat bacterial resistance: Towards development of future antibacterial drugs**

**Jayanta Haldar**, Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), India

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**Young Research Forum**
### Day 2  September 15, 2015

**Riviera**

#### Keynote Forum

**Antibiotic resistance: The holistic viewpoint of outcomes and costs**

**Glenn S Tillotson**, TranScrip Partners, USA

**Antibiotic prescribing for respiratory tract infections in primary care**

**Martin Duerden**, Bangor University, UK

Coffe Break @ Atrium

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#### Exclusive Session

**Development and procurement of biotechnology for emerging disease and engineered threats in the public health preparedness sector**

**John M. Clerici**, Tiber Creek Partners, USA

**Sessons:**
- 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

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#### Session Introduction

**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

**Earlier Appropriate Antibiotics Treatment of Ventilator Associated Tracheoobronchitis: Now or Wait?**

**Yuxiu Lei**, Lahey Hospital & Medical Center, USA

Networking & Lunch Break @ Atrium

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#### Session Introduction

**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 Swe Swe- Han**, University of KwaZulu-Natal, South Africa

**The impact of substandard antibiotics, is it beyond the individual?**

**Glenn S Tillotson**, TranScrip Partners, USA

**Changes in antibiotic sensitivity in children with Helicobacter pylori infection**

**Marco Manfredi**, University of Parma, Italy

**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

**New Strategies to develop antibiotics for treatment of Pseudomonas aeruginosa and Leishmania infections**

**Alessandra Piccitto**, Durham University, UK

Coffe Break @ Atrium

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### Day 3  September 16, 2015

Cocktails

**Poster Sessions & Award Ceremony**

Coffe Break @ Atrium
**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

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<td>Fluoroquinolones—A maligned class being re-discovered?</td>
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<tr>
<td>Glenn S Tillotson, TranScrip Partners USA</td>
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<td>Mycobacterium tuberculosis cell-wall biosynthesis as target of Carbapenems</td>
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<td>Mario A Bianchet, Johns Hopkins University School of Medicine, USA</td>
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<th>Coffe Break: @ Atrium</th>
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<td>Biofilm Dispersing NO-Donor Cephalosporins Activated by b-Lactamase</td>
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<td>Michael kelso, University of Wollongong, Australia</td>
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<td>Anti-methicillin-resistant Staphylococcus aureus assay of azalomyacin F and its derivatives</td>
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<td>Ganjun Yuan, Jiangxi Agricultural University, China</td>
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<td>Thiazole antibiotics against cancer</td>
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<td>Andrei L Gartel, University of Illinois, USA</td>
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<td>Use of Probiotics in Guinea Pigs (Cavia porcellus)</td>
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<td>Jorge Ernesto Guevara Vasquez, National University Mayor de San Marcos – Lima-Perú</td>
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<th>Video Presentation</th>
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<td>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</td>
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<tr>
<td>Baló-Banga J M, Medical Center of the Hungarian Defense Forces, Hungary</td>
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| Networking & Lunch Break @ Atrium |
Proposals are invited for organizing Symposia/Workshops at Conference Series LLC Conferences or Conference Series LLC will sponsor small events at your universities in related areas under the title of your own.

Conference Series LLC Conferences
5716 Corsa Ave., Suite 110, Westlake Los Angeles, CA 91362-7354, USA
Phone: +1-650-268-9744, Fax: +1-650-618-1414, Toll free: +1-800-216-6499
**Keynote Forum**

**Introduction**

Gregory A. Buck  
Virginia Commonwealth University, USA

Michael Y. Galperin  
National Center for Biotechnology Information, USA

Ed T Buurman  
AstraZeneca, USA

Massimo Cecaro  
EIC, National Council of Italian Medical Press, Italy

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**Track 1: News in Bacterial Structure, Morphology & Metabolism**

Session Chair: Phillip E. Klebba, Kansas State University, USA
Session Co-Chair: Abu Salim Mustafa, Kuwait University, Kuwait

**Session Introduction**

**Title:** Spectroscopic analyses of Gram-negative bacterial iron transport reactions  
**Phillip E. Klebba,** Kansas State University, USA

**Title:** Diagnostic potentials of *M. tuberculosis*-specific proteins and peptides  
**Abu Salim Mustafa,** Kuwait University, Kuwait

**Title:** A soluble auto assembling heptameric *Staphylococcus aureus* alpha-hemolysin as a vaccine candidate  
**Ilaria Ferlenghi,** Novartis Vaccines Research Centre, Italy

**Title:** The evolution of virulence in *Streptococcus pyogenes*  
**Francis J. Castellino,** University of Notre Dame, USA

**Title:** Transcriptome analysis identifies *Bacillus anthracis* AtxA as a global transcriptional regulator of genes that respond to carbon dioxide  
**Andrei P. Pomerantsev,** National Institute of Allergy and Infectious Diseases, USA

**Title:** Detection of *Legionella* spp., *L. pneumophila* and *L. pneumophila* serogroup 1 in drinking water systems  
**Jingrang Lu,** US Environmental Protection Agency, USA

**Title:** Crosstalk between acidic phospholipids present in bacterial membranes and the Initiation of replication at *Escherichia coli* Chromosomal origin (oriC) is beyond nucleotide exchange on DnaA, the initiator protein  
**Rahul Saxena,** Georgetown University Medical Center, USA

**Title:** *Pseudomonas aeruginosa*: A bacterial opportunistic pathogen with an extremely well conserved genome that shows a variety of pathogenic interactions  
**Gloria Soberon-Chavez,** National Autonomous University of Mexico, Mexico

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**Track 2: Bacterial Pathogenesis, Virulence & Countermeasures**

**Title:** Function of the phased A-tracts upstream of the phospholipase C gene promoter in *Clostridium perfringens*  
**Seiichi Katayama,** Okayama University of Science, Japan

**Title:** Virulence and transmission of bacteria inducing tooth decay  
**Ling Zhan,** University of California, USA

**Title:** Mycobacterial manipulation of the host innate immune response  
**Cory M. Robinson,** The University of South Carolina School of Medicine, USA

**Title:** Biological and pathogenic regulatory role of *salmonellagidAB* operon  
**Amin A. Fadl,** University of Wisconsin-Madison, USA

**Title:** From vertical to horizontal transmission, when the Wolbachia endosymbiont turns to a deadly pathogen for its hosts  
**Winka LE CLECH,** Texas Biomedical Research Institute, USA

**Title:** The molecular basis of protective immunity against experimental intracellular infection caused by *Francisella tularensis*  
**Klara Kubelkova,** University of Defence, Czech Republic

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**Registrations**

Day 1  
November 17, 2014

**Versailles - B**

**conference-series.com**

**Opening Ceremony**

**Coffee Break @ Versailles Foyer**

**Group Photo**
Title: Production and regulation of functional amyloid curli fimbriae by Shiga toxin-producing Escherichia coli
Gaylen Uhlich, U.S. Department of Agriculture, USA

Title: Investigating the survival and persistence of the multiple-drug-resistant global opportunistic pathogen, Stenotrophomonas maltophila
Joanna S. Brooke, DePaul University, USA

Title: Metabolic control of virulence potential of the agent of Lyme disease
Janakiram Seshu, The University of Texas, USA

Title: Bactofection of mammalian cells by an attenuated derivatives of Pasteurella multocida B:2
Sarah Othman, Universiti Putra Malaysia, Malaysia

Title: Leprosy scenario in India
Abha Aggarwal, ICMR, India

Title: Methodology of collection of spontaneous sputum for microbiological confirmation of the diagnosis of pulmonary tuberculosis, pulmonary disease by non-tuberculous mycobacteria or for follow-up of out- and in-patients under anti-tuberculous the rap
Zerihun Tesfaye, Addis ababa University, Ethiopia

Title: Phytochemical screening of the exudate of Aloe otallensis and its effect on the Leishmania aethiopica and Leishmania donovani
David Jamil Hadad, Centre of Infectious Diseases, Brazil

Day 2 November 18, 2014
Versailles - B

Track 3 : Plant-Microbe Symbiosis & Pathology
Track 4 : Natural Microbial Defenses & Host Immunity
Track 5 : Animal Modeling and Veterinary Bacteriology

Session Chair: Kei Amemiya, US Army Medical Research Institute of Infectious Diseases, USA
Session Co-Chair: Joyce A. Sutcliffe, Tetraphase Pharmaceuticals, USA

Title: Melioidosis and glanders: Diseases in search of animal models, vaccines, and therapeutics
Kei Amemiya, US Army Medical Research Institute of Infectious Diseases, USA

Title: Eravacycline, a novel fluorocycline, is highly efficacious in treating tularemia and anthrax in animal models
Joyce A. Sutcliffe, Tetraphase Pharmaceuticals, USA

Title: Carbon Monoxide: A poison to microbes
B.Y. Chin, International Medical University, Malaysia

Title: The role of plant metabolites in sensitive analytical detection of food borne illness pathogens
Alan Olstein, Paradigm Diagnostics, Inc, USA

Title: Isolation and molecular characterization of Mycobacterium avium subspecies paratuberculosis from ruminants and non domestic Non ruminant animals
Mohamed Salem, King Faisal University, Saudi Arabia

Title: Paratuberculosis in the Kingdom of Saudi Arabia: A review of current situation
Fadhel Housawi, King Faisal University, Saudi Arabia

Track 6: Advances in Antimicrobials, Vaccines & Therapeutics

Session Chair: Theo Sesardic, National Institute for Biological Standards and Control, UK
Session Co-Chair: Kwang Poo Chang, Rosalind Franklin University of Medicine and Science, USA
Title: Bioassays for evaluation of medical products derived from bacterial toxins
Thea Sesardic, National Institute for Biological Standards and Control, UK

Title: Photodynamic vaccination: Novel strategies of vaccine delivery by intraphagolysosomal parasites and their oxidative inactivation for safe and effective applications
Kwang Poo Chang, Rosalind Franklin University of Medicine and Science, USA

Title: Structural insights into antibiotic action on the ribosome
Andrei A. Korostelev, University of Massachusetts Medical School, USA

Title: Mechanisms of antigen uptake at mucosal surfaces and the relevance for vaccine design
Vjollca H. Konjufca, Southern Illinois University, USA

Title: Antimicrobial activities of natural compounds against susceptible and antibiotic-resistant pathogens in the absence and presence of food
Mendel Friedman, Western Regional Research Center, USA

Title: Type I toxin-antitoxin systems in Escherichia coli
Mitsuoki Kawano, Niigata Univ. of Pharm, Japan

Title: Techniques for the identification and exploitation of novel antimicrobial targets
Ali Ryan, Kingston University, UK

Title: Bacillus as a source of novel antibiotics
Patrick Fickers, Universite libre de Bruxelles, Belgium

Title: The Effect of antimicrobial agents on shiga toxin 2 release in Escherichia coli O104:H4 and role of the SOS response
Ghassan M Matar, American University of Beirut, Lebanon

Coffee Break @ Versailles Foyer

Title: Qnr proteins: Structure and properties against quinolone inhibition of DNA gyrase
Maria M. Tavio, University of Las Palmas de Gran Canaria, Spain

Title: Angels and demons: Microbes or man?
Yogandree Ramsamy, University Of Kwa Zulu Natal, South Africa

Title: High prevalence of faecal carriage of bla-SHV type extended spectrum-β-lactamases producing Escherichia coli among healthcare workers
Rosha H. Bassiyouni, Foyhum University, Egypt

Title: Towards anti virulence drugs targeting disulfide bond-forming enzyme DsbA
Prem Lakshmanane, The University of Queensaand, Australia

Title: A chimeric protein (mTcd138) comprising the glucosyltransferase and domains of toxin B and the receptor binding domain of toxin A provides full protection against Clostridium difficile infection in mice
Xingmin Sun, Tufts University, USA

Poster Presentations @ Versailles Foyer

Poster Judges: Michael Y. Galperin, National Center for Biotechnology Information, USA
Ilaria Ferlenghi, Novartis Vaccines Research Centre, Italy

B-001 Title: Multi-locus sequence typing of Campylobacter jejuni using a novel Polymerase-Chain-Reaction-Microsphere method
Ross T. Barnard, The University of Queensland, Australia

B-002 Title: The effect of lowering S. pneumoniae MIC: Penicillin/Ampicillin live on as treatment for Pneumonia
Jennifer Bowes, University of Ottawa, Canada

B-003 Title: The effect of flavonoids from Malaysian propolis in regulating enterococcus faecalis biofilm virulent gene expressions
Amalraj Fabian Davamani, International Medical University, Malaysia

B-004 Title: The effect of mycobacterium vaccae on ultrasonic vocalizations of male mice during anxiety-provoking situations
Dorothy Matthews, The Sage Colleges, USA

B-005 Title: Characterising the host response of Bab/c mice to Burkholderia pseudomallei using RNASeq
Jonathan David, Biomedical Sciences, UK

B-006 Title: Understanding the mechanisms underlying bacterial bio-flocculant production
Arinze Okoli, Gem2K-Centre for Biosafety, Norway

B-007 Title: Comparative in-vitro activities of trimethoprim-sulfamethoxazole and the new fluoroquinolones against confirmed extended spectrum β-lactamase producing Stenotrophomonas maltophilia recovered from the Eastern Cape Province, South Africa
Anthony Okoh & Uchechukwu Nwodo, University of Fort Hare, South Africa

B-008 Title: Characterization of bioflocculant produced by actinobacterium sp. mayor
Leonard Mabinya, University of Fort Hare, South Africa

B-009 Title: Motif search-aided screening of the Pseudomonas syringae pv. maculicola genome for genes encoding tertiary alcohol ester hydrolases
Maruping Mangena, University of Johannesburg, South Africa

B-010 Title: Effects of DNA size on cell transfection
Benjamin Hornstein, Baylor College of Medicine, USA

B-011 Title: Varicella-zoster meningitis with a late-onset of skin eruption: a case report
Sikarin Upala, Bassett Medical Center, USA

B-012 Title: Candidate gene approaches reveal new target pathways for treating antibiotic-resistant gram-negative bacterial infections
Zachary C. Conley, Baylor College of Medicine, USA

B-013 Title: Optimizing a strategy for molecular identification of species from Mycobacterium avium-intracellulare complex
Dechassa Terefe Lemu, Haramaya University College of Veterinary Medicine, Ethiopia
Title: Computer-assisted antibacterial drug design. Searching potential inhibitors of acetohydroxyacid synthase from methicillin resistant Staphylococcus aureus
Alfredo Téllez-Valencia, Juárez University of Durango State, México

Title: Drug design against nosocomial infections. Homology modeling and Virtual screening in shikimate dehydrogenase from Enterobacter cloacae to find potential inhibitors.
Claudia Isela Avitia-Domínguez, Juárez University of Durango State, México

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Ilaria Ferlenghi, Novartis Vaccines Research Centre, Italy

B-016
Title: Novel strategies for the development of heterologous protein production processes based on thepPOX2 promoter in the yeast Yarrowia lipolytica.
Hosni Sassi, Free University of Brussels, Belgium

B-017
Title: Identification and characterisation of Staphylococcus aureus isolated from nasal swabs obtained from patients and healthcare workers at a tertiary hospital in Nigeria
Aminat Oluwatoyin Adelowotan, University of Pretoria, South Africa

B-018
Title: Distinguishing identification and study of antibiotic resistance profile of Nosocomial infectious pathogens
Tea Koiaia, Shota Rustaveli State University, Georgia

B-019
Title: Draft genome sequences and description new probiotic strain of Lactobacillus rhamnosus CLS17
Samet Kozakhatmetov, The Center for Life Sciences Nazarbayev University, Republic of Kazakhstan

B-020
Title: Beneficial effects of the new synbiotic dairy product nar on human beings
Zhanagul Khassenbekova, The Center for Life Sciences Nazarbayev University, Republic of Kazakhstan

B-021
Title: Synthesis of new fatty acid amides derivatives of castor oil with antituberculosisisactivity
Silvia Guzmán-Beltrán, National Institute of Respiratory Diseases, Mexico

B-022
Title: Novel strategies for the development of heterologous protein production processes based on thepPOX2 promoter in the yeast Yarrowia lipolytica.
Hosni Sassi, Free University of Brussels, Belgium

B-023
Title: Antimicrobial susceptibility of Staphylococci isolated from small animals
Juan David Valencia Bacca, University of Sao Paulo, Brazil

B-024
Title: Search for adhesins-encoding genes in Staphylococcus spp. isolated from small animals
Juan David Valencia Bacca & Tatiana Jimenez Villegas, University of Sao Paulo, Brazil

B-025
Title: Mycobacterium tuberculosis
Yi Jiang, National Institute of Communicable Disease Control & Prevention Chinese Center for Disease Control & Prevention, P. R. China

B-026
Title: Bacterial phenylalanyl-tRNA synthetase as an antibacterial target
Ed T. Buurman, AstraZeneca, USA

B-027
Title: Malignant sinusitis causing cerebral septic thromboses
Sharon Joo, University of Nevada, USA

B-028
Title: Assessment of Genotoxicity of Imidacloprid to freshwater teleost Channa punctatus (Bloch) using Micronucleus assay and Comet assay
Padma Priya Ballajepalli, GITAM University, India

B-029
Title: Phenotypic characterization of Enterobacteriaceae producing Extended-spectrum-β-lactamase from poultry in Brazil
Marita Vedovelli Cardozo, Sao Paulo State University, Brazil

Cocktails Sponsored by Mycobacterial Diseases @ Versailles Foyer
Day 3 November 19, 2014

Versailles - B

Track 7: Epidemiology, Emerging Infectious Diseases & Public Response Planning
Track 8: Medical Microbiology - From Benchtop to Clinic
Track 9: Microbial Genomics, Systems Biology and Bioinformatics
Track 10: Multi-Pathogen Infections & Post-Infection Sequelea
Track 11: Industrial and Applied Bacteriology

Session Chair: Eric T. Harvill, Penn State University, USA
Session Co-Chair: Wanda C. Reygaert, Oakland University, USA

Title: CNS complications from acute sinusitis in children
Pisespong Patamasucon, University of Nevada School of Medicine, USA
Title: How To Handle a Superbug: Insights on diagnosis and treatment of methicillin-resistant Staphylococcus aureus
Wanda C. Reygaert, Oakland University, USA
Title: Molecular typing of community acquired MRSA isolated from retail meats by spa typing PFGE and MLST
Mohamed K Fakh, The University of Tulsa, USA
Title: Genome analysis of a salmon pathogen Piscirickettsia salmonis reveals insight into metabolism and pathogenesis
Alejandro Yañez, Southern University of Chile, Chile
Title: Single cell RNA seq reveals heterogeneity of salmonella and macrophage factors that control infection outcome
Roi Avraham, Broad Institute of MIT and Harvard, USA
Title: Studies of evolution and genetics of metabolic functions by high-throughput methods in bacteria and their hosts
Joao Marcelo Pereira Alves, University of Sao Paulo, Brazil

Title: Is it cost effective to pool donations for Nucleic Acid Testing for HCV screening in Blood Banks from high prevalence communities?
Manal M Baddour, Alexandria University Faculty of Medicine, Egypt

Title: In vivo monitoring the intracellular pH variation upon Aspergillus fumigatus infection in single apoptotic human monocytes
Sara Mohebbi, Leibniz-Institute for Natural Product Research and Infection Biology, Germany

Title: Could have Brevibacillus a soil microbe transmuted in to a possible uropathogen?
Suneefa Sharon Christa A, VIT University, India

Title: Bacteriology and antibiotic sensitivity patterns of urine and biofilm in patients with indwelling urinary catheter in a tertiary hospital in Bangladesh
Mahabubul Islam Majumder, Comilla Medical College, Bangladesh

Title: Epidemiology of tinea capitis at primary school children in Fayoum City-Egypt
Naglaa A. El Sherbiny, Fayoum University, Egypt

Title: Competition between invading pathogens and resident respiratory tract microbiota
Eric T. Harvill, Penn State University, USA

Title: ß-phenylethylamine as a novel inhibitor of E. coli biofilm
Birgit M Pruss, North Dakota State University, USA

Title: Lantibiotics from Streptococcus salivarius as potential antimicrobials
Koshy Philip, University of Malaya, Malaysia

Title: Nanotechnology incorporated to the development of tests aiming to the detection of bacterial pathogens
Ikonomopoulos John, Agricultural University of Athens Greece, Greece

Title: 3-nitrotoluene biominalization by diaphorobacter species
Gurunath Ramanathan, Indian Institute of Technology Kanpur, India

Title: Genetic diversity, host range and molecular analysis of the virulence determinants of Escherichia coli O157:H7 isolated from different sources
Collins Njie Ateba, North West University-Mafikeng Campus, South Africa

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