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Scientific Program

4th International Congress on

Bacteriology and Infectious Diseases

May 16-18, 2016 San Antonio, USA



Hosting Organization: Conference Series LLC

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Scientific Program

Day 1 May 16, 2016

8:30-9:00 Registrations

Lonestar Ballroom

conferenceseries.com **9:00-9:25** **Opening Ceremony**

Keynote Forum

9:25-9:30 Introduction

9:30-10:00 Title: Extending the gut-brain axis: the curious case of *Helicobacter pylori*
Steven R Blanke, University of Illinois, USA

10:00-10:30 Title: The vaginal microbiome during pregnancy, what do we know?
George L. Mendz, The University of Notre Dame, Australia

10:30-11:00 Title: New non-synthetic antibacterial agents challenging the active and persistent forms of *Borrelia ssp.*
Anna Goc, Dr. Rath Research Institute BV, USA

Networking & Refreshments: 11:00-11:20 @ Foyer

Sessions

Track 1: Bacterial Morphology and Metabolism
Track 2: Bacterial Clinical Studies
Track 4: Emerging Infectious Diseases
Track 5: Bacterial Pathogenesis
Track 10: Microbial Genomics
Track 11: Industrial and Applied Bacteriology

Session Chair: George L. Mendz, The University of Notre Dame, Australia

Session Co-Chair: Steven R Blanke, University of Illinois, USA

Session Introduction

11:20-11:40 Title: Mutans *Streptococci* genomic sequencing: Potential applications for precision medicine to prevent tooth decay
Ling Zhan, University of California, USA

11:40-12:00 Title: Hydrocarbon-omics of bacterial appendages for controlling their pathogenic activities
Yan-Yeung Luk, Syracuse University, USA

12:00-12:20 Title: Quality of life among leprosy affected persons – A study in a rural block in Tamilnadu, India
G. Dinesh Kumar, SRM University, India

12:20-12:40 Title: Molecular study on *Streptococcus pneumoniae* isolated from patients suffering from respiratory tract infection using RAPD-PCR technique
Maysaa Mohammedawi, AL Nahrain University, Iraq

	Lunch Break: 12:40-13:25 @ Restaurant
	Special Session by
13:25-13:55	**Title: The ins and outs of a new plague vaccine against an old disease** **Kei Amemiya,** US Army Medical Research Institute of Infectious Diseases, USA
13:55-14:15	**Title: Characterization and kinetics study for rhamnolipids produced by an environmental *Pseudomonas aeruginosa* isolate** **Mervat Kassem,** Alexandria University, Egypt
Unable to Attend	**Title: RAA-ESBLE- r isk factors associated with acquisition of ESBL *Escherichia coli* infection, detection and treatment, a case report** **Gadangi Indira,** Kakatiya University, India
Unable to Attend	**Title: Diabetes mellitus among Tuberculosis patients: a cross sectional study from pakistan** **Zarfishan Tahir,** University of Veterinary & Animal Sciences, Paksitan
	Networking & Refreshments: 15:55-16:15 @ Foyer
16:15-16:35	**Title: Specific chemicals induce phenotype reversal and inhibit alginate production by mucoid *Pseudomonas aeruginosa*** **Yan-Yeung Luk,** Syracuse University, USA
16:35-16:55	**Title: Enhancement of strength and durability of concrete by bacterial calcite precipitation** **Krishna Priya,** SNS College of Technology, India
16:55-17:10	**Title: Emerging infectious disease** **Stevenson Many,** Institut D'enseignement Chretien Siloe Medical Technology, Haïti

Day 2 May 17, 2016

Lonestar Ballroom

Keynote Forum

10:00-10:30	**Title: Interactions of the bacterial and host systems in the persistence of group A-streptoccal infections in humans** **Francis J. Castellino,** University of Notre Dame, USA
10:30-11:00	**Title: Host-pathogen interactions by clinical strains of *Burkholderia pseudomallei* in a murine model of melioidosis** **Kei Amemiya,** US Army Medical Research Institute of Infectious Diseases, USA

Networking & Refreshments: 11:00-11:20 @ Foyer

Sessions

Track 3: Bacterial Identification Methods
Track 7: Veterinary Bacteriology
Track 8: Natural Microbial Defenses and Immunity

Session Chair: Francis J. Castellino, University of Notre Dame, USA

Session Co-Chair: Kei Amemiya, US Army Medical Research Institute of Infectious Diseases, USA

Session Introduction

11:20-11:40	**Title: Systematically analysis antibacterial activity of CHAP catalytic domain of *Staphylococcus aureus* phage lysin Ply187** **Qingshan Huang,** Fudan University, China

Unable to Attend	**Title: Comparative diversity of bacterial population and phylogenetic analysis of K99 fimbrial gene of ETEC isolated from healthy and diarrheic calves, Punjab, Pakistan** **Tahir Yaqub,** University of Veterinary & Animal Sciences, Paksitan
12:00-12:15	**Title: Host micro RNAs contribute to immunity and development of pathology in *Chlamydia trachomatis* infection** **Rishein Gupta,** University of Texas at San Antonio, USA
12:15-12:30	**Title: Macrolide susceptibility of *Bordetella pertussis* in the United States, 2011-2015** **Brunilís Burgos-Rivera,** Center for Disease Control and Prevention, USA
Unable to Attend	**Title: Antimicrobial resistance genes in *Salmonella* isolates from poultry drinking water** **Nadia Mukhtar,** University of Veterinary & Animal Sciences, Paksitan
12:45-13:00	**Title: Potential use of biopolymer from *Bacillus subtilis* WD161 as mucoadhesive film for proliferation of oral cancer cell lines** **Iracheta Villarreal Jesús Mario,** Ciudad Universitaria, Mexico
	Lunch Break: 13:00-13:45 @ Restaurant
13:45-14:15	**Title: Foodborne pathogens in retail meats: from detection to genomics** **Mohamed Fakhr,** University of Tulsa, USA
14:15-14:45	**Title: Lyme disease. Novel composition of phytochemicals as an approach against Lyme Disease** **Anna Goc,** Dr. Rath Research Institute BV, USA
14:45-15:05	**Title: The prediction of long-term creep data of fibrous polymer composites based on short term experiments** **Qian Li,** Third Military Medical University, China
Unable to Attend	**Title: Prevalence of *Bovine* rota virus in calves in Punjab province, Pakistan and vaccine preparation** **Nadia Mukhtar,** University of Veterinary & Animal Sciences, Paksitan
15:25-15:45	**Title: The clinical characteristics and outcome of H1N1 pneumonia patients with acute renal injury** **Essam Saad Abdel-Rahim Badawy,** Minia University, Egypt
	Networking & Refreshments: 15:45-16:05 @ Foyer
	Poster Presentations
BAC 001	**Title: Influence of gelatin-thrombin matrix tissue sealant on bacterial colony formation and risk of pelvic infection** **Michael J Jarrett,** University of Colorado School of Medicine, USA
BAC 002	**Title: Gender dynamics and socio-cultural determinants of MERS-CoV in Saudi Arabia** **Muhanad Ali,** University of Toronto Scarborough Campus, Canada
BAC 003	**Title: Molecularly imprinted polymeric nanoparticle: Preparation and characterization** **Poonsuk Prasertsan,** Prince of Songkla Univeristy, Thailand
BAC 004	**Title: Evaltion of quiolones in treatment of burn patients of at Al-Imam Al- Hussen hospital in Thi-Qar province** **Ali Taher Abbas,** Thi Qar University, Iraq
BAC 005	**Title: Effects of natural products and essential oils on pathogenic fungi** **Awatif Al-Judaibi,** King Abdulaziz University, Saudi Arabia

BAC 006 **Title: Evaluation of an accelerated micro-method for the detection, identification and antimicrobial susceptibility of urogenital mycoplasmas.**
Nadia María Rodríguez Preval, Pedro Kourí Tropical Medicine Institute, Cuba

E-Posters

BACE 001 **Title: Hemorrhagic fever with renal syndrome**
Rista Elvana, Hygeia Hospital Tirana, Albania

Day 3 May 18, 2016

Lonestar Ballroom

Keynote Forum

10:00-10:30 **Title: The vaginal microbiome of gravidae in health and disease**
George L Mendz,

10:30-11:00 **Title: Molecular Characterization of *Staphylococci* isolated from retail mushrooms**
Mohamed Fakhr, University of Tulsa, USA

Networking & Refreshments: 11:00-11:20 @ Foyer

Sessions

Track 6: Plant Microbe Pathology
Track 12: Medical Microbiology

Session Chair: Mohamed Fakhr, University of Tulsa, USA

Session Introduction

11:20-11:40 **Title: Anti-plasmodial agents from a cameroonian medicinal plant**
Perez Bawoh, Francis Higher Institute of Nursing and Midwifery, Cameroon

11:40-12:00 **Title: Anti-infl ammatory and Antimicrobial active macrocyclic complexes of main group metal with their in vitro, in vivo and in silico studies**
Ekta Rawat, Kurukshetra University, India

12:00-12:20 **Title: Molecular diagnosis of human metapneumovirus**
Essam Saad Abdel-Rahim Badawy, Minia University, Egypt

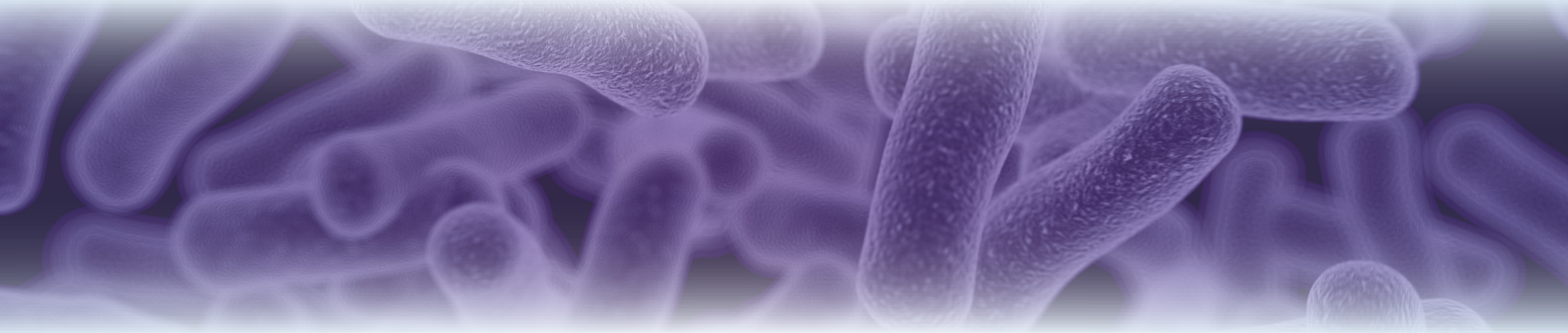
12:20-12:40 **Title: Analytical validation of three alternative PCR master mixes for *Bordetella species* real-time PCR detection**
Brunilís Burgos-Rivera, Center for Disease Control and Prevention, USA

Bookmark your dates

5th International Conference on

Bacteriology and Infectious Diseases

May 24-25, 2017 New Mexico, USA



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