Tentative Program

International Conference on

Microbial Pathogenesis & Infection Control

Toronto, Canada August 23-24, 2017



microbialpathogenesis@conferencescanada.org

International Conference on Microbial Pathogenesis & Infection Control

August 23-24 , 2017 Toronto, Canada

Hall

Opening Ceremony & Introduction

Keynote Session

Title:Bacterial Plurality: a Comprehensive Rubric for Understanding Chronic Bacterial Infections

Garth D. Ehrlich, Drexel University,College of Medicine,Philadelphia

Coffee Break

Title:Precision Medicine for Infectious Diseases at the MIF Locus

Rick Bucala,Yale Schools of Medicine and Public Health,USA

Title: Disulfide bond formation in gastric pathogen Helicobacter pylori: an Achillae's heel for secretion of pro-inflammatory virulence proteins

Carole CREUZENET,The University of Western Ontario, London,Canada

Title:Key role of cutaneous neuropeptides in skin-bacterial communication and virulence

Marc G.J. FEUILLOLEY,Normandie Universite,FRANCE

Speaker Slots Available

Lunch Break

Microbial pathogenesis | Neuro-Infectious Diseases | Immunology of Infectious Diseases | Bacterial pathogenesis |Viral pathogenesis | Fungal pathogenesis |Antimicrobials | Medical Microbiology | Clinical Microbiology | Microbial genomics

Session Chair: TBD

Session Co-chair: TBD

Title:Bactericidal auxotrophie's as new drug target space to eliminate persistent human pathogen "Mycobacterium tuberculosis"

Sangeeta Tiwari ,Albert Einstein College of Medicine,USA

Title:Molecular patterns of multidrug resistance of Mycobacterium leprae in India

Mallika Lavania,Stanley Browne Research Laboratory,India

Title:Trend analysis of bacterial uropathogens and their susceptibility pattern: A four-year (2013-2016) study from Aseer region, Saudi Arabia

Abdulrahman M. Alwahhabi,King Khalid University Medical College,Saudi Arabia

Title:STUDY AND MEDICAL EVALUATION, ANTIBACTERIAL AND ANTI-CORROSION OF EXTRACTS OF CELERY SEEDS APIUM GRAVEOLENS.L

Amine. El Mostaphi, Laboratory of Biotechnology Environment and Quality,Morocco

Speaker Slots Available

Speaker Slots Available

Coffee Break

Title: Core-bacterial composition and function of ruminant animals based on integrative analysis of metagenomics data

Arghavan Alisoltani,Vaal University of Technology, South Africa

Speaker Slots Available

Panel Discussion

Day 2 August 24, 2017

Hall

Infectious Diseases| Microbial Vaccines and Drugs | Applied Diagnostic Microbiology | Diagnostic immunology | Infection Control and Prevention

Session Chair: TBD

Title: Analysis of bovine tuberculin antigens of different potencies by western blot
Luciene Airy Nagashima, Institute of Technology of Paraná, Brazil

Title: Pseudomonas aeruginosa Exotoxin T (ExoT), by Targeting CrkI, Uncouples Apoptosis From Apoptotic Compensatory Proliferation Signaling
Sasha Shafikhani,Rush University Medical Center,USA

Speaker Slots Available
Speaker Slots Available

Coffee Break

Title: The tick gut microbiome - critical gatekeepeers ?
Sukanya Narasimhan, Yale School of Medicine,USA

Title:H3N2 Influenza vaccine rates and other protective behaviors amongst college students
Narveen Jandu, Gannon University,Pennsylvania

Speaker Slots Available

Poster Presentations

Lunch Break

Video Presentation Session

Title: Site Attachment Inhibition Therapeutics
Simon Raymond,Melbourne University,Australia

NOTE: Program Schedule is subject to change with final allotment of the speaker slots







Conference Highlights

- Microbial pathogenesis
- Neuro-Infectious Diseases
- Immunology of Infectious Diseases
- Bacterial pathogenesis
- Viral pathogenesis
- Fungal pathogenesis Antimicrobials
- Medical Microbiology
- Clinical Microbiology
- Microbial genomics
- Infectious Diseases
- Microbial Vaccines and Drugs
- Applied Diagnostic Microbiology
- Diagnostic immunology
- Infection Control and Prevention

For detailed sessions, please visit: http://pathogenesis.conferenceseries.com/

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Glimpses of Bacteriology

















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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**

Registrations

Lonestar Ballroom

conferenceseries.com

Opening Ceremony

Keynote Forum

Introduction

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

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

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@ 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

Title: Mutans *Streptococci* genomic sequencing: Potential applications for precision medicine to prevent tooth decay
Ling Zhan, University of California, USA
Title: Hydrocarbon-omics of bacterial appendages for controlling their pathogenic activities
Yan-Yeung Luk, Syracuse University, USA
Title: Quality of life among leprosy affected persons – A study in a rural block in Tamilnadu, India
G. Dinesh Kumar, SRM University, India
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: @ Restaurant

Special Session by

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

Title: Characterization and kinetics study for rhamnolipids produced by an environmental *Pseudomonas aeruginosa* isolate
Mervat Kassem, Alexandria University, Egypt

Special Session - Video Presentation (Replacement Talk)

Title: Biosecurity in public health and how bacteria fight their war to infect new hosts
Stef Stienstra, Dutch Armed Forces / Royal Dutch Navy, Netherlands

Networking & Refreshments: @ Foyer

Title: Specific chemicals induce phenotype reversal and inhibit alginate production by mucoid *Pseudomonas aeruginosa*
Yan-Yeung Luk, Syracuse University, USA
Title: Enhancement of strength and durability of concrete by bacterial calcite precipitation
Krishna Priya, SNS College of Technology, India
Title: Emerging infectious disease
Stevenson Many, Institut D'enseignement Chretien Siloe Medical Technology, Haïti

Day 2 May 17, 2016

Lonestar Ballroom

Keynote Forum

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

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: @ 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

Title: Systematically analysis antibacterial activity of CHAP catalytic domain of *Staphylococcus aureus* phage lysin Ply187
Qingshan Huang, Fudan University, China
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
Title: Host micro RNAs contribute to immunity and development of pathology in *Chlamydia trachomatis* infection
Rishein Gupta, University of Texas at San Antonio, USA
Title: Macrolide susceptibility of *Bordetella pertussis* in the United States, 2011-2015
Brunilís Burgos-Rivera, Center for Disease Control and Prevention, USA
Title: Antimicrobial resistance genes in *Salmonella* isolates from poultry drinking water
Nadia Mukhtar, University of Veterinary & Animal Sciences, Paksitan
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 @ Restaurant

Title: Foodborne pathogens in retail meats: from detection to genomics
Mohamed Fakhr, University of Tulsa, USA

Title: Lyme disease. Novel composition of phytochemicals as an approach against Lyme Disease
Anna Goc, Dr. Rath Research Institute BV, USA
Title: The prediction of long-term creep data of fibrous polymer composites based on short term experiments
Qian Li, Third Military Medical University, China
Title: Prevalence of *Bovine* rota virus in calves in Punjab province, Pakistan and vaccine preparation
Nadia Mukhtar, University of Veterinary & Animal Sciences, Paksitan
Title: The clinical characteristics and outcome of H1N1 pneumonia patients with acute renal injury
Essam Saad Abdel-Rahim Badawy, Minia University, Egypt

Networking & Refreshments: @ 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: Potential Use of Biopolymer from Bacillus subtilis WD161 as Mucoadhesive Film for Proliferation of Oral Cancer Cell Lines**
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

Title: The vaginal microbiome of gravidae in health and disease
George L Mendz, The University of Notre Dame, Australia

Title: Molecular Characterization of *Staphylococci* isolated from retail mushrooms
Mohamed Fakhr, University of Tulsa, USA

Networking & Refreshments @ Foyer

Sessions

Track 6: Plant Microbe Pathology
Track 12: Medical Microbiology

Session Chair: Mohamed Fakhr, University of Tulsa, USA

Session Introduction

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

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

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

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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