# Tentative Program

International Conference on

# Microbial Pathogenesis & Host Response Mechanism

Toronto, Canada August 23-24, 2017



microbialpathogenesis@pathologyseries.com

## Day 1

| | | | |
|---|---|---|---|
| Morning Sessions | Reception/Registration | 08.00-09.00 | |
| | | Time | General Session |
| | Least of 3 Keynote/Plenary Talks | 09.00-09.15 | Inaugural Address |
| | | 09.15-09.45 | Keynote/Plenary Talk 1 |
| | | 09.45-10.15 | Keynote/Plenary Talk 2 |
| | | 10.15-10.45 | Keynote/Plenary Talk 3 |
| | Panel Discussions/Group Photo | | |
| | **Coffee/Tea Break 10.45-11.00 (Networking)** | | |
| | 11.00-12.40 | | Microbial pathogenesis \|Immunopathology \| Host–Pathogen Interaction \| Bacterial pathogenesis \| Viral pathogenesis |
| | | | |
| Evening Sessions | **Lunch Break 12.40-13.30** | | |
| | 13.30-15.30 | | Fungal pathogenesis \|Molecular Genetic Pathology \| Clinical Biochemistry |
| | | | |
| | **Coffee/Tea Break 15.30-15.45 (Networking)** | | |
| | 15.45-17.25 | | Workshop |

## Day 2

| | | | | |
|---|---|---|---|---|
| Morning Sessions | | Time | Session 1 | Session 2 |
| | 09.00-10.40 | | Keynote Forum | Infectious Diseases |
| | | | | |
| | **Coffee/Tea Break 10.40-10.55 (Networking)** | | | |
| | 10.55-12.35 | | Young Research Forum | Clinical Microbiology |
| | | | | |
| Evening Sessions | **Lunch Break 12.35-13.25** | | | |
| | 13.25-15.05 | | Diagnostic immunology | Global Outbreaks and Epidemic Threats \| Molecular pathology |
| | | | | |
| | **Coffee/Tea Break 15.05-15.20 (Networking)** | | | |
| | 15.20-17.00 | | Microbial Vaccines and Drugs | |
| Awards & Closing Ceremony | | | | |

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

# Conference Highlights

- Microbial pathogenesis
- Immunopathology
- Host–Pathogen Interaction
- Bacterial pathogenesis
- Viral pathogenesis
- Fungal pathogenesis
- Molecular Genetic Pathology
- Clinical Biochemistry
- Clinical Microbiology
- Molecular pathology
- Infectious Diseases
- Microbial Vaccines and Drugs
- Applied Diagnostic Microbiology
- Diagnostic immunology
- Global Outbreaks and Epidemic Threats

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

**Submit your abstract online at:** http://pathogenesis.conferenceseries.com/abstract-submission.php

**Register online:** http://pathogenesis.conferenceseries.com/registration.php



# Glimpses of Bacteriology


















# Plan your Trip to Canada











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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

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## 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

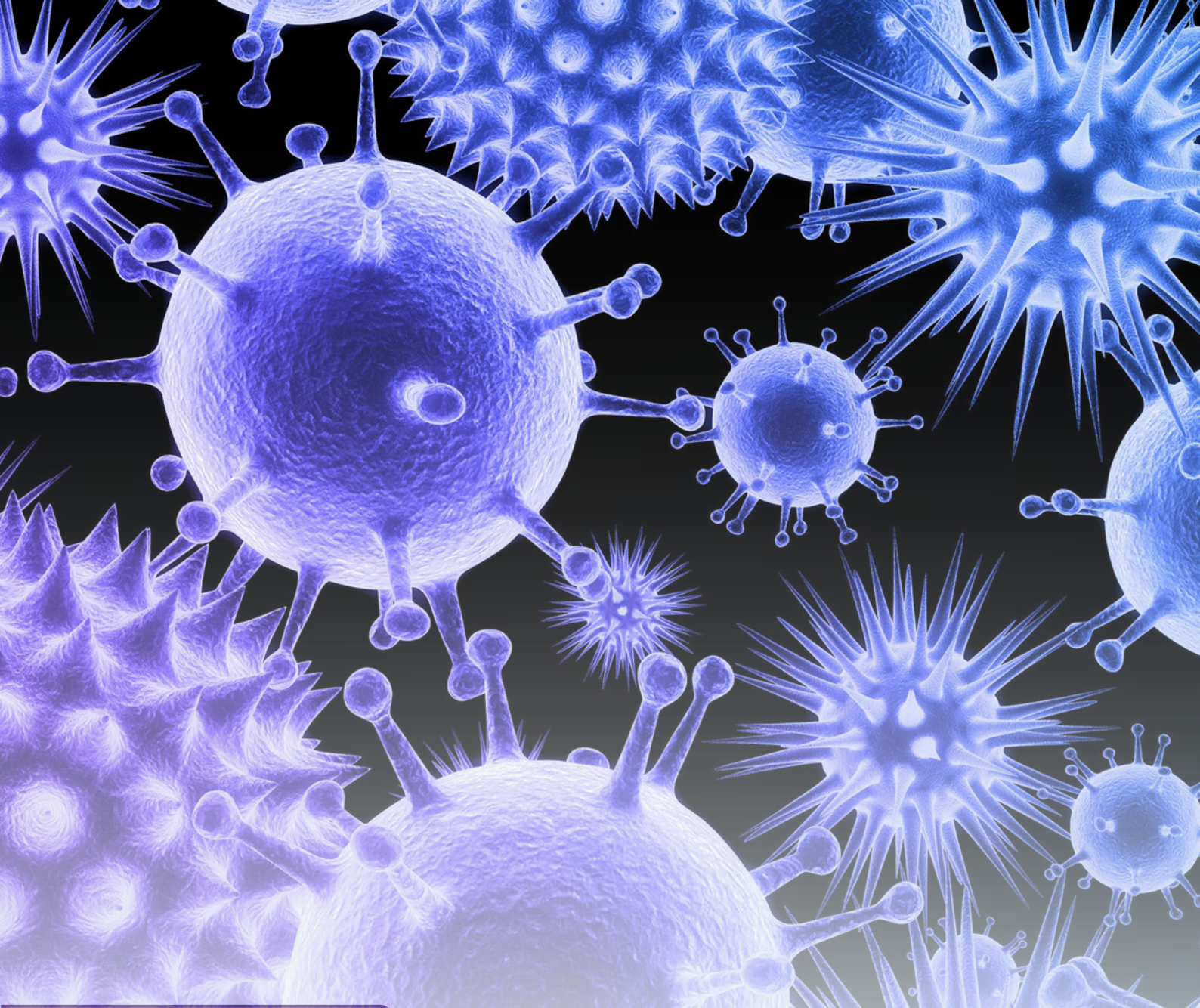
**Session Introduction**

**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

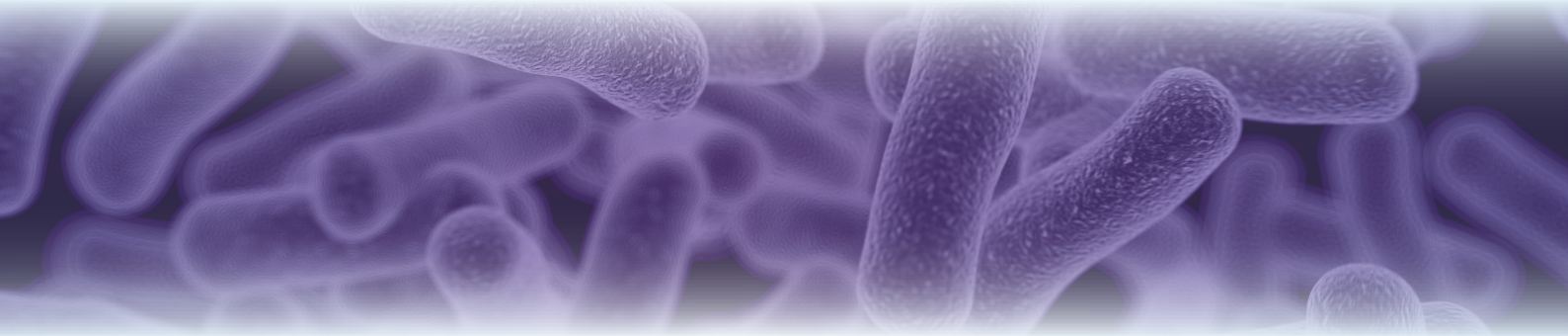


**Bookmark your dates**

5th International Conference on

# Bacteriology and Infectious Diseases

May 24-25, 2017 New Mexico, USA




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