Tentative Program

International Conference on
Microbial Pathogenesis & Host Response Mechanism
Toronto, Canada  August 23-24, 2017

microbialpathogenesis@pathologyseries.com
## Day 1

<table>
<thead>
<tr>
<th>Event</th>
<th>Time</th>
<th>General Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reception/Registration</td>
<td>08.00-09.00</td>
<td></td>
</tr>
<tr>
<td><strong>Morning Sessions</strong></td>
<td></td>
<td></td>
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<tr>
<td>Least of 3 Keynote/Plenary Talks</td>
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<tr>
<td>Inaugural Address</td>
<td>09.00-09.15</td>
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<tr>
<td>Keynote/Plenary Talk 1</td>
<td>09.15-09.45</td>
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<tr>
<td>Keynote/Plenary Talk 2</td>
<td>09.45-10.15</td>
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<tr>
<td>Keynote/Plenary Talk 3</td>
<td>10.15-10.45</td>
<td></td>
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<tr>
<td><strong>Coffee/Tea Break 10.45-11.00 (Networking)</strong></td>
<td>11.00-12.40</td>
<td>Microbial pathogenesis</td>
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<tr>
<td><strong>Lunch Break 12.40-13.00</strong></td>
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<td></td>
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<tr>
<td><strong>Coffee/Tea Break 15.30-15.45 (Networking)</strong></td>
<td>15.45-17.25</td>
<td>Workshop</td>
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<tr>
<td><strong>Evening Sessions</strong></td>
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<td><strong>Evening Sessions</strong></td>
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<tr>
<td><strong>Day 2</strong></td>
<td></td>
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<tr>
<td><strong>Morning Sessions</strong></td>
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<tr>
<td><strong>Session 1</strong></td>
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<tr>
<td>Keynote Forum</td>
<td>09.00-10.40</td>
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<tr>
<td>Young Research Forum</td>
<td>10.55-12.35</td>
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<tr>
<td><strong>Coffee/Tea Break 10.40-10.55 (Networking)</strong></td>
<td>10.55-12.35</td>
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<tr>
<td><strong>Lunch Break 12.35-13.25</strong></td>
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<tr>
<td><strong>Evening Sessions</strong></td>
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<tr>
<td><strong>Session 2</strong></td>
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<tr>
<td>Infectious Diseases</td>
<td>09.00-10.40</td>
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<td>Clinical Microbiology</td>
<td>10.55-12.35</td>
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<tr>
<td>Global Outbreaks and Epidemic Threats</td>
<td>13.25-15.05</td>
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<tr>
<td>Molecular pathology</td>
<td>15.20-17.00</td>
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<tr>
<td><strong>Coffee/Tea Break 15.05-15.20 (Networking)</strong></td>
<td>15.05-15.20</td>
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<td><strong>Awards &amp; Closing Ceremony</strong></td>
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**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/
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Register online: http://pathogenesis.conferenceseries.com/registration.php
Glimpses of Bacteriology
Plan your Trip to Canada
Scientific Program

4th International Congress on
Bacteriology and Infectious Diseases

May 16-18, 2016   San Antonio, USA

Hosting Organization: Conference Series LLC
e-mail: bacteriology@conferenceseries.com; bacteriology@conferenceseries.net
### Day 1  May 16, 2016

#### Registrations

#### Lonestar Ballroom

#### Opening Ceremony

#### 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

#### 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

**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: 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, Haiti

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

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, Pakistan
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, Pakistan
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, Pakistan

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 University, Thailand

BAC 004 Title: Evaluation of quinolones in treatment of burn patients of Al-Imam Al-Hussen hospital in Qo-Qar province
Ali Taher Abbas, Thi Qar University, Iraq

BAC 005 Title: Effects of natural products and essential oils on pathogenic fungi
Awatif Al-Judaili, 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 Maria Rodriguez Preval, Pedro Kouri 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-inflammatory 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
Brunilis 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

E-mail: bacteriology@conferenceseries.net
Website: http://bacteriology.omicsgroup.com/