<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker/Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:00-08:45</td>
<td>Registrations &amp; Souvenir Distribution</td>
<td></td>
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<tr>
<td>08:45-09:00</td>
<td>Opening Ceremony &amp; Introduction</td>
<td>Hall - Algonquin CD</td>
</tr>
<tr>
<td>09:00-09:40</td>
<td>Keynote Forum</td>
<td></td>
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<tr>
<td></td>
<td>Title: The hollow fiber infection model: Principles and practice</td>
<td>John J.S. Cadwell, FiberCell Systems Inc., USA</td>
</tr>
<tr>
<td>09:40-10:20</td>
<td>Title: Metadichol® A novel nano lipid: A solution for the post-antibiotic era</td>
<td>P R Raghavan, Nanox Inc, USA</td>
</tr>
<tr>
<td>10:20-10:35</td>
<td>Coffee &amp; Networking</td>
<td>Hall - Algonquin CD</td>
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<tr>
<td>10:35-11:15</td>
<td>Group Photo</td>
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<tr>
<td>11:15-11:55</td>
<td>Title: Delayed inflammatory response renders diabetic wound vulnerable to infection and microbiome shift toward pathogenic bacteria</td>
<td>Sasha Shafikhani, Rush University Medical Center, USA</td>
</tr>
<tr>
<td>11:55-12:35</td>
<td>Title: SYN-004 (ribaxamase), an orally administered β-lactamase for prevention of Clostridium difficile infection; colonization by antimicrobial resistant pathogens and preservation of the diversity of the gut microbiome</td>
<td>John F Kokai-Kun, Synthetic Biologics, Inc., USA</td>
</tr>
<tr>
<td>12:35-13:15</td>
<td>Title: Key role of cutaneous neuropeptides in skin-bacterial communication and virulence</td>
<td>Marc G J Feuilloley, Normandy University, France</td>
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<td></td>
<td>Panel Discussion</td>
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### Major Sessions:

**Antimicrobials | Antimicrobial Resistance | Antibacterial Agents | Antibiotics | Public Health**

#### Session Introduction

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker 1</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>13:55-14:20</td>
<td>Title: Rapid detection of bacterial resistance to β-lactam antibiotics using liquid chromatography - tandem mass spectrometry</td>
<td>Michael Thompson, University of Toronto, Canada</td>
<td></td>
</tr>
<tr>
<td>14:20-14:45</td>
<td>Title: Clinical and cost-effectiveness evidence of S53P4 bioactive glass in the eradication of osteomyelitis</td>
<td>Jacobus J C Arts, Maastricht University Medical Centre, Netherland</td>
<td></td>
</tr>
<tr>
<td>14:45-15:10</td>
<td>Title: Development of bacteriophage therapy for novel treatment of antibiotic-resistant bacterial infections</td>
<td>Terry Ann Else, Touro University Nevada, USA</td>
<td></td>
</tr>
<tr>
<td>15:10-15:35</td>
<td>Title: Disulfide bond formation in gastric pathogen <em>Helicobacter pylori</em>: An Achillae’s heel for secretion of pro-inflammatory virulence proteins</td>
<td>Carole Creuzenet, The University of Western Ontario, Canada</td>
<td></td>
</tr>
<tr>
<td>15:35-16:00</td>
<td>Title: Detection of atypical class 1 integrons in multidrug-resistant <em>salmonella hadar</em> from chickens in cameroon</td>
<td>Ariane Nzouankeu, Centre Pasteur du Cameroun, Cameroon</td>
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### Coffee & Networking 16:00-16:15 @ Algonquin Foyer

#### Major Sessions:

**Fungal Pathogenesis | Applied Diagnostic Microbiology | Bacterial Pathogenesis | Molecular Genetic Pathology**

#### Chair: Marc G J Feuilloley, Normandy University, France

#### Co-Chair: Sasha Shafikhani, Rush University Medical Center, USA

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<tbody>
<tr>
<td>16:15-16:40</td>
<td>Title: Proteomics insight into temperature-dependent pathogenicity of <em>Cochliobolus lunatus</em> during invasion of potato</td>
<td>Louis Bengyella, Vaal University of Technology, South Africa</td>
<td></td>
</tr>
<tr>
<td>16:40-17:05</td>
<td>Title: Core-bacterial composition and function of ruminant animals based on integrative analysis of metagenomics data</td>
<td>Arghavan Alisoltani, Vaal University of Technology, South Africa</td>
<td></td>
</tr>
<tr>
<td>17:05-17:30</td>
<td>Title: Taxonomic diversity of cucurbit seed associated endophytes</td>
<td>Eman M Khalaf, University of Guelph, Canada</td>
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**AGENDA**

**August 24, 2017**

08:30-9:00 Registrations

**Hall - Algonquin CD**

**Keynote Forum**

9:00-9:40

Title: Antivirulents vs Antibiotics

**Menachem Shoham,** Case Western Reserve University, USA

9:40-10:20

Title: Progress in replacing antibiotics in farm animal production

**Debabrata Biswas,** University of Maryland, USA

**Coffee break 10:20-10:35 @ Algonquin Foyer**

**SPEAKER FORUM**

Major Sessions:
- Antiviral drugs
- Antibiotics
- Antimicrobial stewardship
- Antifungal & Antiparasitic agents
- Antibacterial agents
- Microbial genomics
- Antimicrobial resistance
- Microbial Vaccines and Drugs
- Infectious Diseases
- Diagnostic Immunology

**Chair: P R Raghavan,** Nanorx Inc, USA

**Co-Chair: Michael Thompson,** University of Toronto, Canada

### Session Introduction

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<tr>
<td>10:35-11:00</td>
<td><strong>Title:</strong> Implementation of antimicrobial stewardship in inpatient and outpatient settings</td>
<td><strong>Karisma Patel,</strong> Children’s Mercy Hospital, USA</td>
</tr>
<tr>
<td>11:00-11:25</td>
<td><strong>Title:</strong> Molecular patterns of multidrug resistance of <em>Mycobacterium leprae</em> in India</td>
<td><strong>Mallika Lavania,</strong> The Leprosy Mission Trust, India</td>
</tr>
<tr>
<td>11:25-11:50</td>
<td><strong>Title:</strong> Incidence and characterization of multi-drug resistance <em>Acinetobacter baumannii</em></td>
<td><strong>Mohammad Al-Tamimi,</strong> The Hashemite University, Jordan</td>
</tr>
<tr>
<td>11:50-12:15</td>
<td><strong>Title:</strong> <em>Escherichia coli</em> tetracycline-resistant-genes relative to antibiotics overuse and their impact on the environment</td>
<td><strong>Mahmoud W. Yaish,</strong> Sultan Qaboos University, Oman</td>
</tr>
<tr>
<td>12:15-12:40</td>
<td><strong>Title:</strong> Introduction of cases of ORF disease in burn wound in Motahari hospital</td>
<td><strong>Mahmoush Momeni,</strong> University Of Medical Sciences, Iran</td>
</tr>
<tr>
<td>12:40-13:05</td>
<td><strong>Title:</strong> Analysis of bovine tuberculin antigens of different potencies by western blot</td>
<td><strong>Luciene Airy Nagashima,</strong> Institute of Technology of Paraná, Brazil</td>
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**Lunch 13:05-13:45 @ Cabinet Room**

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<tbody>
<tr>
<td>13:45-14:10</td>
<td><strong>Title:</strong> Appropriate use of antimicrobials: The peculiarity of septic patients</td>
<td><strong>Francesco Scaglione,</strong> University of Milan, Italy</td>
</tr>
<tr>
<td>14:10-14:35</td>
<td><strong>Title:</strong> State of the art antimicrobial stewardship in immunocompromized hosts</td>
<td><strong>Alla Paskovaty,</strong> Memorial Sloan Ketterning Cancer Center, USA</td>
</tr>
<tr>
<td>14:35-15:00</td>
<td><strong>Title:</strong> Imipenem treatment induces expression of important pili genes and phenotypes in a resistant <em>Acinetobacter baumannii</em> isolate</td>
<td><strong>G N Dhabaan,</strong> University of Damman, Saudi Arabia</td>
</tr>
</tbody>
</table>
Title: A retrospective cross-sectional study of antibiotic prescribing patterns in an adult inpatient department at a tertiary care setting
Ahmad Alharafsheh, Ministry of Health, Saudi Arabia

Video Presentations @ 15:25-15:45

V1
Title: Mycobacterium Fortuitum as a rare etiology of red breast syndrome: A case report and review of literature
Benjamin O Lawson, Honor Health Scottsdale Shea Medical Center, USA

V2
Title: Antimicrobial resistance in selected bacteria from poultry, in Albania
Lindita Molla, Public Health Institute, Albania

V3
Title: Antibacterial and antioxidant properties of crude extract, fractions and compounds from the stem bark of Polyscias fulva Hiern (Araliaceae)
Guy Sedar Singor Njateng, University of Dschang, Cameroon

V4
Title: An assessment of antibiotic resistance among Mycobacterium tuberculosis isolated from displaced Iraqi patient
Mohemid Al Jebouri, University of Tikrit, Iraq

V5
Title: Site attachment inhibition therapeutics
Simon Raymond, Melbourne University, Australia

Coffee Break 15:45-16:00 @ Algonquin Foyer
Poster Sessions 16:00-16:45 @ Hall - Algonquin CD

P 01
Title: The production of lignin-capped silver nanoparticles with high antimicrobial activity against multidrug resistant bacteria
Jason Asnis, University of British Columbia, Canada

P 02
Title: The BceABRS four-component system essential for bacitracin sensing and response is required for biofilm formation and virulence of Streptococcus mutans
Yung-Hua Li, Dalhousie University, Canada

P 03
Title: A new pheromone-guided antimicrobial peptide HP30 for targeted killing of Streptococcus mutans in mixed-culture biofilms
Xiao-Lin Tian, Dalhousie University, Canada

P 04
Title: PCR amplification of genomic Mycobacterium leprae DNA by using different gene targets
Vinay Kumar Pathak, The Leprosy Mission Community Hospital, India

P 05
Title: In-vitro activities of six antifungal drugs against Candida glabrata isolates: An emerging pathogen
Nasrin Amirrajab, Ahvaz Jundishapur University of Medical Sciences, Iran

P 06
Title: In-vitro antileishmanial activity of Artemisia dracunculus and Heracleum persicum extracts in comparison with glucantime
Batool Sadeghi-Nejad, Abadan School of Medical Sciences, Iran

P 07
Title: Intradermal trivalent influenza vaccine with and without imiquimod in hemodialysis patients
Sara Abolghasemi, Shahid Beheshti University of Medical Sciences, Iran

P 08
Title: The reason for the prevalence of non-toxigenic isolates of Clostridium difficile in the clinical samples
Mohammad Moradi, Kerman University of Medical Sciences, Iran

P 09
Title: Comparative assessment of probiotic attributes of Lactobacillus Plantarum Strains Of Ireland and Pakistan
Asma Manzoor, University of the Punjab, Pakistan
Johar Ali, Rehman Medical Institute Peshawar, Pakistan

P 10
Title: Pseudomonas phage inhibition of Candida Albicans
Hasan Nazik, California Institute for Medical Research, USA

P 11
Title: Prevalence of microorganisms and their antimicrobial susceptibility profile in blood samples from an university hospital from Vitória, Brazil
Moraes Rodrigo, Santa Casa de Misericórdia de Vitória, Brazil

P 12
Title: Trend analysis of bacterial uropathogens and their susceptibility pattern: A four-year (2013-2016) study from aseer region, Saudi Arabia
Abdulaziz Alamri, King Khalid University, KSA

Poster Awards @ 16:45-17:00
Closing and Award Ceremony