08:00-09:00  Registrations

OLIMPICA 2

Keynote Forum

09:20-09:30  Introduction
Title: The small molecule nucleoside prodrug GS-5734 exhibits broad antiviral activity against pathogenic human coronaviruses and related zoonotic strains
Amy C Sims, University of North Carolina at Chapel Hill, USA

09:30-09:55  Title: Human vaccines for infectious and non-infectious diseases
Giulio Tarro, T. & L. de Beaumont Bonelli for cancer research, Italy

09:55-10:20  Title: Turning WGS-based diagnostics into practice for diagnosis of drug resistant tuberculosis
Daniela Maria Cirillo, San Raffaele Scientific Institute Milan, Italy

10:20-10:45  Title: New insights in the diagnosis and monitoring of HCV infection
Claudio Galli, Abbott Diagnostics, Italy

Group Photo  Networking & Refreshment Break @ Foyer 11:10-11:25

Session: Viral Infections
Session Chair: Maurizio Provenzano, University Hospital Zurich, Switzerland
Session Co-Chair: Fiona McPhee, Bristol-Myers Squibb Co, USA

11:25-11:45  Title: Polyomavirus BK and prostate cancer: A complex interaction of potential clinical relevance
Maurizio Provenzano, University Hospital Zurich, Switzerland

11:45-12:05  Title: An assay to detect neutralizing antibodies against H5N1 influenza without the requisite for live virus using Surface Plasmon Resonance (SPR) technology
Malgorzata G Norton, U.S. Food and Drug Administration, USA

12:05-12:25  Title: Prototype and nicaraguan strains of zika virus infect primary human placental cells expressing Axl,
Lenore Pereira, University of California San Francisco, USA

12:25-12:45  Title: Elevated PVR expression on Tfh cells is coupled to increased TIGIT and low effector capacity of HIV-specific CD8+ T cells
Annika C Karlsson, Karolinska Institutet, Sweden

12:45-13:05  Title: Impact of baseline NS5A polymorphisms on sustained virologic response in patients infected with HCV treated with daclatasvir-based regimens
Fiona McPhee, Bristol-Myers Squibb Co, USA

Lunch Break @ Hotel Restaurant 13:05-13:45

13:45-14:05  Title: Bridging the gap between pragmatic intervention design and theory: using behavioural science tools to modify an existing quality improvement programme to implement “Sepsis Six”
Sheldon Stone, University College London Medical School, UK

14:05-14:25  Title: Molecular characterization of Norovirus isolates from South Korea
Jae Woong Lee, The Catholic University of Korea, Republic of Korea

14:25-14:45  Title: Intrinsic, innate and adaptive immune responses against human cytomegalovirus (HCMV): the mighty macrophages
Giada Frascaroli, Ulm University Medical Center, Germany

14:45-15:05  Title: Management and treatment of herpes simplex keratitis(HSK)
Qamar Gulzar, Avalon University School of Medicine, Curacao

15:05-15:25  Title: Human Papilloma Viruses infections in different studies groups from North-East Romania
Lumința Smaranda Iancu, Ramona Gabriela Ursu “Grigore T. Popa” Iasi University of Medicine and Pharmacy, Romania

Session: Microbial Biofilms
Session Chair: Gianfranco Donelli, Microbial Biofilm Laboratory, Italy

15:40-16:00  Title: Pseudomonas aeruginosa biofilm infections in the united airways of of cystic fibrosis patients
Niels Heiby, University of Copenhagen, Denmark
16:00-16:20 Title: Development of innovative coatings for antibiofilm medical devices
   Iolanda Francolini, Sapienza University of Rome, Italy

16:20-16:40 Title: Diagnosis and understanding of chronic biofilm infections
   Trine Rolighed Thomsen, Aalborg University and Danish Technological Institute, Denmark

16:40-17:00 Title: Biofilms in anaerobic infections
   Claudia Vuotto, Microbial Biofilm Laboratory, Italy

17:00-17:20 Title: Novel therapeutic strategies against chronic biofilm disease
   Claus Moser, University of Copenhagen, Denmark

17:20-17:40 Title: Significance of key glycolytic enzymes in cariogenic biofilm formation
   Palina Vyhouskaya, Jagiellonian University, Poland

Panel Discussion

Day 2: October 21 2016
OLIMPICA 2

Keynote Forum

09:20-09:30 Introduction

09:30-09:55 Title: Genomics-based bioforensic analysis at the national bioforensic analysis center
   Nicholas Bergman, National Bioforensic Analysis Center, USA

09:55-10:20 Title: Clostridium difficile infection in the healthcare setting
   Nicola Petrosillo, National Institute for Infectious Diseases, Italy

10:20-10:45 Title: Virological surveillance of the continuously evolving influenza viruses
   Maria Rita Castrucci, WHO National Influenza Centre, Italy

Networking & Refreshment Break @ Foyer 10:45 -11:00

Session: Antimicrobial Agents

Session Chair: Charles William Keevil, University of Southampton Centre for Biological Sciences, UK
Session Co-Chair: Margitta Dathe, Leibniz Institute of Molecular Pharmacology, Germany

11:00-11:20 Title: Prevention of horizontal gene transfer of antibiotic resistance genes on touch surfaces
   Charles William Keevil, University of Southampton Centre for Biological Sciences, UK

11:20-11:40 Title: The secrets and potential of a novel cyclic antimicrobial and cell penetrating peptide
   Margitta Dathe, Leibniz Institute of Molecular Pharmacology, Germany

11:40-12:00 Title: Evolution of drug resistance in Mycobacterium tuberculosis
   Alexander Pym, African Health Research Institute, South Africa

12:00-12:20 Title: Use of colistin sulfate for the oral treatment of experimental post-weaning diarrhea in pigs: Therapeutic efficacy and antibiotic resistance
   Alexandre Thibodeau, Université de Montréal, Canada

12:20-12:40 Title: Genomics initiative for surveillance of and research on antimicrobial resistance in clinical pathogens
   Maria Luisa G Daroy, St. Luke’s Medical Center, Philippines

12:40-13:00 Title: Etiological structure and antimicrobial resistance of pathogens isolated from patients with ventilator-associated pneumonia
   Viktoryia Ziamko, Vitebsk State Medical University, Belarus

Lunch Break @ Hotel Restaurant 13:00-13:40
Poster Presentations 13:40-14:40

Poster Judge: Gianfranco Donelli, Microbial Biofilm Laboratory, Italy

C - 001 Title: Adapting laboratory techniques for the detection of Carbapenemase Producing Enterobacteriaceae (CPE) carriage to changing trends in the prevalence of CPE in Singapore
   Prabha Krishnan, Tan Tock Seng Hospital and National Public Health Laboratory, Singapore

C - 002 Title: Decrease in measles vaccination coverage – a new public health problem in Slovakia
   Martin Novák, Comenius University in Bratislava, Slovakia

C - 003 Title: Mumps as a new epidemiological problem in Slovakia
   Veronika Szabóová, Comenius University Bratislava, Slovakia

C - 004 Title: Antibacterial Activity of N-Styryl alkylimidazolium Ionic Liquids
   Luis Guzman, University of Talca, Chile

C - 005 Title: The use of antibiotics in acute appendicitis
   Nataliya Piletska and Claire Stewart, Evelina Children's Hospital, UK

C - 006 Title: Bovine mastitis: Staphylococci and resistance genes towards β-lactams and macrolides-lincosamides antibiotics in Argentina
   Mariela E rednik, University of Buenos Aires, Argentina
Title: The possible role of prostaglandin D2 in malaria pathogenesis
Pimwan Thongdee, Thammasat University, Thailand

Title: Molecular epidemiology of waterborne viruses in South Korea
Lae-Hyung Kang, The Catholic University of Korea, South Korea

Title: The role of the ABC-F proteins, Vga(A) and Msr(A), in antibiotics resistance in staphylococci
Jakub Lenart, Charles University in Prague, Czech Republic

Title: Outbreak of tetanus in a mare in Republic of Korea
Kichan Lee, Animal and Plant Quarantine Agency, Republic of Korea

Title: The role of vanZ expression for efficiency of glycopeptides against Staphylococcus aureus
Leona Zieglerováis, Charles University, Czech Republic

Title: Molecular and biochemical characterization of stefin-2 from the liver fluke Fasciola gigantica
Sinee Siricoon, Thammasat University, Thailand

Title: Analysis of β-lactamase genes in multidrug-resistant Acinetobacter baumannii isolated from a hospital in the southwest of China
Ying Shun Zhou, Southwest Medical University, China

Title: Determination of cut-off titre of ELISA test used in diagnosis of Leptospirosis in south Gujarat
Summaiyah Mullan, Govt. Medical college, India

Title: Changing Characteristics of Colistin-Resistant Carbapenemase-producing Klebsiella pneumoniae from Bloodstream Infections
Angeliki Mavroadi, General Hospital of Nea Ionia, Greece

Title: A six-year survey of continuous ambulatory peritoneal dialysis (CAPD)-associated peritonitis
Soﬁa Maraki, University Hospital of Heraklion, Greece

Title: Phenotypic and genotypic characterization of methicillin resistant Staphylococcus aureus isolated from different sources
Ayman Ameen Samy Mohamed Ibrahim, National Research Center, Egypt

Title: Antibacterial Activity of N-Styryl alkylimidazolium Ionic Liquids
Luis Guzman J, Universidad de Talca, Chile

Session: Antimicrobial Agents

Session Chair: Charles William Keevil, University of Southampton Centre for Biological Sciences, UK
Session Co-Chair: Margitta Dathe, Leibniz Institute of Molecular Pharmacology, Germany

14:40-15:00
Title: Anti-microbial effects of the Cinnamon, Tarragon and Ginger Oils
Demet Çelebi, Ataturk University, Turkey

Title: Antibiotic feed chickens cause bacterial drug resistant or not?
Çigdem Eda Balkan, Kafkas University, Turkey

15:00-15:20
Title: Synergistic antimicrobial therapy using nanoparticles and antibiotics for the treatment of multi-drug resistant bacteria
Neveen Saleh, National organization for drug control and research, Egypt

Networking & Refreshment Break @ Foyer 15:40-16:00

16:00-16:20
Title: One Health concept and Bacteriophages
Marina Tediashvili, George Eliava Institute of Bacteriophages, Georgia

Title: New challenges in emerging and re-emerging trends in parasitic diseases
M V Raghavendra Rao, Avalon University School of Medicine, Curaçao

16:20-16:40
Title: A pipeline to quickly and automatically characterize microbial genomes from high-throughput sequencing data
Ségalène Caboche, Lille University of Science and Technology, France

Title: Veterinary public health in Italy: From healthy animals to healthy food, contribution to improve economy in developing countries
Rossella Colomba Lelli, Istituto Zooprofilattico Sperimentale dell’Abruzzo e del Molise “G. Caporale”, Italy

16:40-17:00
Title: Periodontal microbiota in HIV infected Brazilian adults
Lucio Souza Gonçalves, Estácio de Sá University, Brazil
### Session: Medical Microbiology | Infectious diseases | Infection Control | Microbial Pathogenesis

#### Session Chair: Zhiheng Pei, New York University School of Medicine, USA

#### Session Co Chair: Liying Yang, New York University School of Medicine, USA

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00-09:20</td>
<td>Microbial association with esophageal adenocarcinoma and reflux disorders.</td>
<td>Zhiheng Pei</td>
<td>New York University School of Medicine, USA</td>
</tr>
<tr>
<td>09:20-09:40</td>
<td>HIV-induced immunosuppression is associated with loss of microbial colonization resistance in the proximal gut</td>
<td>Liying Yang</td>
<td>New York University School of Medicine, USA</td>
</tr>
<tr>
<td>09:40-10:00</td>
<td>clfA-R domain based objective molecular typing of methicillin resistant Staphylococcus aureus isolates from patients and screening procedures reveal dominant host-specific clonal lineages in a tertiary care hospital in Buraidah, Qassim, KSA</td>
<td>Kamaleldin B Said</td>
<td>Carleton University, Canada</td>
</tr>
<tr>
<td>10:00-10:20</td>
<td>Prevotella jejuni- Anaerobic Gram-Negative Bacterium Associated to Coeliac Disease</td>
<td>Maria Hedberg</td>
<td>Umeå University, Sweden</td>
</tr>
<tr>
<td>10:20-10:40</td>
<td>Human herpesvirus type 8 in tuberculosis patients with or without effusions</td>
<td>Cheng-Chuan Su</td>
<td>Tzu Chi University, Taiwan</td>
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#### Networking & Refreshment Break @ Foyer 10:40-10:55

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:55-11:15</td>
<td>Epithelial cells of the amniotic membrane sustain persistent cytomegalovirus infection in the human placenta</td>
<td>Lenore Pereira</td>
<td>University of California San Francisco, USA</td>
</tr>
<tr>
<td>11:15-11:35</td>
<td>Campylobacter jejuni and chicken colonisation: different strains, different abilities</td>
<td>Alexandre Thibodeau</td>
<td>University of Montreal, Canada</td>
</tr>
<tr>
<td>11:35-11:55</td>
<td>Formulation of microbial growth medium using banana peel and maize cob</td>
<td>Wasa Alibe Ahmed</td>
<td>University of Canterbury, New Zealand</td>
</tr>
</tbody>
</table>

#### Session: Nosocomial Infections | Immunity and Vaccination | Disease Diagnosis and Prevention

#### Session Chair: Wolfgang R. Heizmann, University of Tübingen, Germany

#### Session Co Chair: Amaresh Das, APHIS-USDA, USA

<table>
<thead>
<tr>
<th>Time</th>
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<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:55-12:15</td>
<td>To screen or not to screen?</td>
<td>Wolfgang R Heizmann</td>
<td>University of Tübingen, Germany</td>
</tr>
<tr>
<td>12:15-12:35</td>
<td>Critical components of diagnostic real time polymerase chain reaction from sample preparation to extraction to amplification</td>
<td>Amaresh Das</td>
<td>APHIS-USDA, USA</td>
</tr>
<tr>
<td>12:35-12:55</td>
<td>Nosocomial dissemination of Multidrug resistant Pseudomonas aeruginosa in Lithuania</td>
<td>Astra Vitkauskiene</td>
<td>Lithuanian University of Health Science, Lithuania</td>
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</tbody>
</table>

#### Lunch Break @ Hotel Restaurant 12:55-13:30

<table>
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<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:30-13:50</td>
<td>Norovirus diversity and immune driven evolution: Mechanisms of protection and implications for vaccine design</td>
<td>Lisa Lindesmith</td>
<td>University of North Carolina, USA</td>
</tr>
<tr>
<td>13:50-14:10</td>
<td>Comparative genomics of non-tuberculous mycobacteria: ecological and clinical implications</td>
<td>Antoni Bennasar-Figueras</td>
<td>Universitat de les Illes Balears, Spain</td>
</tr>
<tr>
<td>14:10-14:30</td>
<td>Community-Acquired Methicillin-Resistant Staphylococcus aureus: Characteristics epidemiology, clinical, microbiology and molecular biology ; SCCmec gene analysis and VISA in patients infected with Staphylococcus aureus and antibiotic resistance testing in 2 hospitals</td>
<td>Latre Buntaran</td>
<td>Mayapada Hospitals, Indonesia</td>
</tr>
<tr>
<td>14:30-14:50</td>
<td>Difficult separation of Haemophilus influenzae from the closely related but less pathogenic Haemophilus haemolyticus: Comparison of 16S rRNA, MLSA, and full genomic content</td>
<td>Niels Norskov-Lauritsen</td>
<td>Aarhus University Hospital, Denmark</td>
</tr>
<tr>
<td>14:50-15:10</td>
<td>Intraabdominal candidiasis – myth or fact?</td>
<td>VACLAVA ADAMKOVÁ</td>
<td>Clinical Microbiology and ATB centre, Czech Republic</td>
</tr>
<tr>
<td>15:10-15:30</td>
<td>Towards rapid phenotypic antibiotic susceptibility testing through RNA detection</td>
<td>Roby P Bhattacharyya</td>
<td>Broad Institute of MIT and Harvard, USA</td>
</tr>
<tr>
<td>15:50-16:10</td>
<td>Adhesion molecule of V. cholerae can prevent the leaking of fluid from intestinal cells of mice</td>
<td>Sumarno Reto Prawiro</td>
<td>University Brawijaya Malang, Indonesia</td>
</tr>
<tr>
<td>16:10-16:30</td>
<td>Nosocomial infections</td>
<td>Andre Ricardo Araujo da Silva</td>
<td>Federal Fluminense University, Brazil</td>
</tr>
</tbody>
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#### Networking & Refreshment Break @ Foyer 16:10-16:30

#### Awards & Closing Ceremony