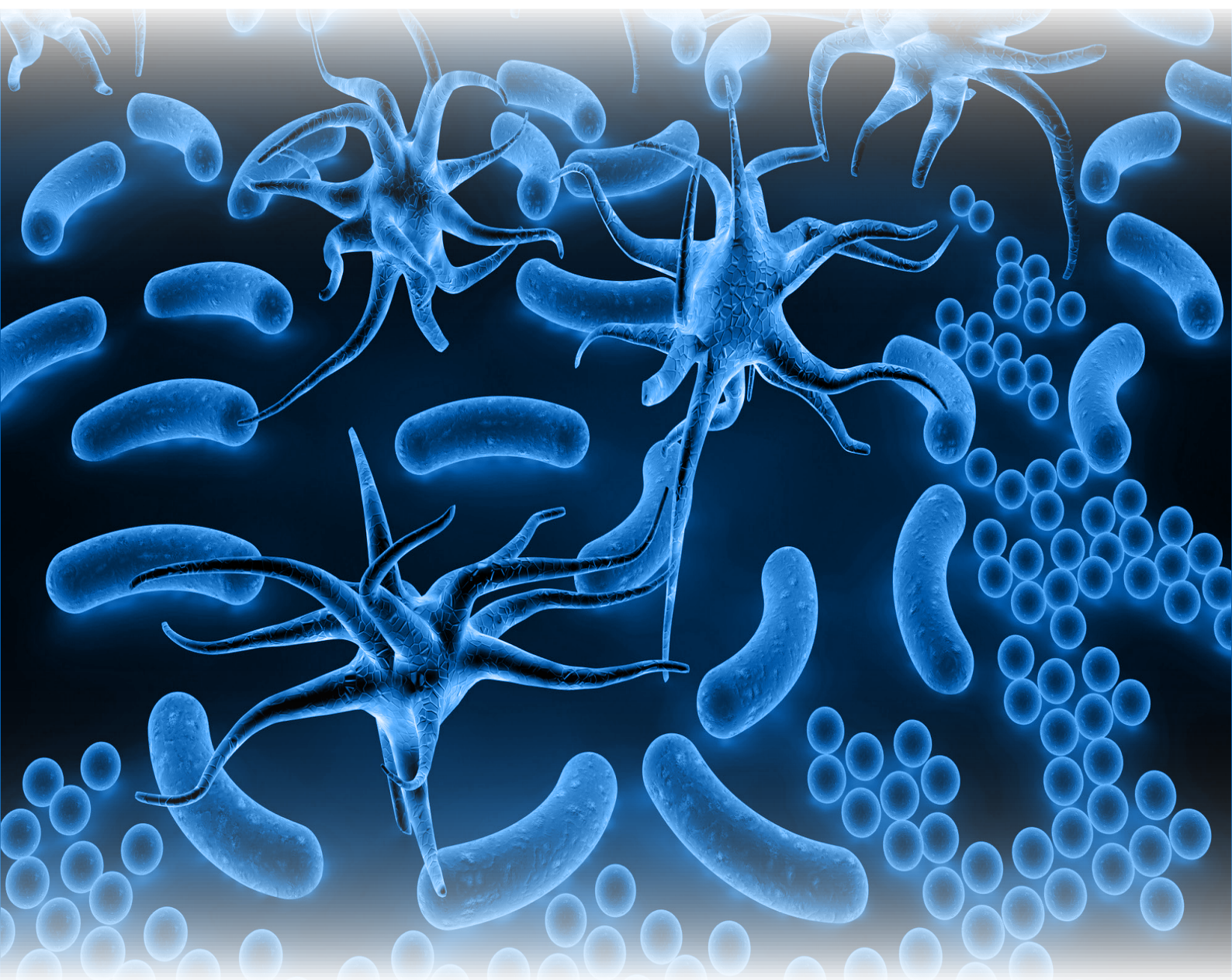


Scientific Program

6th Clinical Microbiology Conference

Rome, Italy October 20-22, 2016



Hosting Organization: Conference Series LLC

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08:00-09:00 Registrations

OLIMPICA 2

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09:00-09:20

Opening Ceremony

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

Session Introduction

- 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, Tyro3 and TIM1 receptors at the uterine placental interface, modulated by individual donors**
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, Curaçao
- 15:05-15:25 Title: Human Papilloma Viruses infections in different studies groups from North-East Romania**
Luminița Smaranda Iancu, Ramona Gabriela Ursu "Grigore T. Popa" Iasi University of Medicine and Pharmacy, Romania

Networking & Refreshment Break @ Foyer 15:25-15:40

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 Høiby, 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 Carbapenamase 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

- C - 007** Title: **The possible role of prostaglandin D2 in malaria pathogenesis**
Pimwan Thongdee, Thammasat University, Thailand
- C - 008** Title: **Molecular epidemiology of waterborne viruses in South Korea**
Lae-Hyung Kang, The Catholic University of Korea, South Korea
- C - 009** 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
- C - 010** Title: **Outbreak of tetanus in a mare in Republic of Korea**
Kichan Lee, Animal and Plant Quarantine Agency, Republic of Korea
- C - 011** Title: **The role of vanZ expression for efficiency of glycopeptides against *Staphylococcus aureus***
Leona Zieglerová, Charles University, Czech Republic
- C - 012** Title: **Molecular and biochemical characterization of stefin-2 from the liver fluke *Fasciola gigantica***
Sinee Siricoon, Thammasat University, Thailand
- C - 013** 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
- C - 014** Title: **Determination of cut-off titre of ELISA test used in diagnosis of Leptospirosis in south Gujarat**
Summaiya Mullan, Govt. Medical college, India
- C - 015** Title: **Changing Characteristics of Colistin-Resistant Carbapenemase-producing *Klebsiella pneumoniae* from Bloodstream Infections**
Angeliki Mavroidi, General Hospital of Nea Ionia, Greece
- C - 016** Title: **A six-year survey of continuous ambulatory peritoneal dialysis (CAPD)-associated peritonitis**
Sofia Maraki, University Hospital of Heraklion, Greece
- C - 017** Title: **Phenotypic and genotypic characterization of methicillin resistant *Staphylococcus aureus* isolated from different sources**
Ayman Ameen Samy Mohamed Ibrahim, National Research Center, Egypt
- C - 018** 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
- 15:00-15:20** Title: **Antibiotic feed chickens cause bacterial drug resistant or not?**
Çigdem Eda Balkan, Kafkas University, Turkey
- 15:20-15:40** 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
- 16:20-16:40** Title: **New challenges in emerging and re-emerging trends in parasitic diseases**
M V Raghavendra Rao, Avalon University School of Medicine, Curaçao
- 16:40-17:00** Title: **A pipeline to quickly and automatically characterize microbial genomes from high-throughput sequencing data**
Ségolène Caboche, Lille University of Science and Technology, France
- 17:00-17:20** 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
- 17:20-17:40** Title: **Periodontal microbiota in HIV infected Brazilian adults**
Lucio Souza Gonçalves, Estácio de Sá University, Brazil

Panel Discussion

Day 3: October 22 2016

OLIMPICA 2

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

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

Networking & Refreshment Break @ Foyer 10:40-10:55

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

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

- 11:55-12:15 **Title: To screen or not to screen?**
Wolfgang R Heizmann, University of Tübingen, Germany
- 12:15-12:35 **Title: Critical components of diagnostic real time polymerase chain reaction from sample preparation to extraction to amplification**
Amaresh Das, APHIS-USDA, USA
- 12:35-12:55 **Title: Nosocomial dissemination of Multidrug resistant *Pseudomonas aeruginosa* in Lithuania**
Astra Vitkauskienė, Lithuanian University of Health Science, Lithuania

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

- 13:30-13:50 **Title: Norovirus diversity and immune driven evolution: Mechanisms of protection and implications for vaccine design**
Lisa Lindesmith, University of North Carolina, USA
- 13:50-14:10 **Title: Comparative genomics of non-tuberculous mycobacteria: ecological and clinical implications**
Antoni Bennisar-Figueras, Universitat de les Illes Balears, Spain
- 14:10-14:30 **Title: 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**
Latre Buntaran, Mayapada Hospitals, Indonesia
- 14:30-14:50 **Title: Difficult separation of *Haemophilus influenzae* from the closely related but less pathogenic *Haemophilus haemolyticus*: Comparison of 16S rRNA, MLSA, and full genomic content**
Niels Nørskov-Lauritsen, Aarhus University Hospital, Denmark
- 14:50-15:10 **Title: Intraabdominal candidiasis – myth or fact?**
Vaclava Adamkova, Clinical Microbiology and ATB centre, Czech Republic
- 15:10-15:30 **Title: Towards rapid phenotypic antibiotic susceptibility testing through RNA detection**
Roby P Bhattacharyya, Broad Institute of MIT and Harvard, USA
- 15:30-15:50 **Title: Epidemiology of invasive Group B *Streptococcal* disease in infants in Southern Mainland China, 2011–2014**
Haiying Liu, Guangzhou Women and Children's Medical Center, China
- 15:50-16:10 **Title: Adhesion molecule of *V. cholerae* can prevent the leaking of fluid from intestinal cells of mice**
Sumarno Reto Prawiro, University Brawijaya Malang, Indonesia
- 16:10-16:30 **Title: Nosocomial infections**
Andre Ricardo Araujo da Silva, Federal Fluminense University, Brazil

Networking & Refreshment Break @ Foyer 16:10-16:30

Awards & Closing Ceremony