

## Scientific Program

Proceedings of  
World Congress on  
**INFECTIOUS DISEASES**

August 10-12, 2015 London, UK

**OMICS International Conferences**

2360 Corporate Circle., Suite 400 Henderson, NV 89074-7722, USA

Phone: +1-888-843-8169, Fax: +1-650-618-1417, Toll free: +1-800-216-6499

Toll free: +1-800-216-6499, Email: [infectiousdiseases.conference@omicsonline.us](mailto:infectiousdiseases.conference@omicsonline.us)

# Scientific Program

August 09, 2015, 18:00-19:30

Registrations

Day 1

August 10, 2015

07:30-08:30 Registrations

Hall 1



08:30-09:00

## Opening Ceremony

### Keynote Forum

09:00-09:05 **Introduction**

09:05-09:30 **M. Khalid Ijaz**  
RB, USA

09:30-09:55 **Guido Norbiato**  
University Hospital L. Sacco, Italy

09:55-10:30 **Stef Stienstra**  
Dutch Armed Forces / Royal Dutch Navy, Netherlands

Coffee Break 10:30-10:50

Track 1: Global trends in Emerging Infectious Diseases

Track 2: Microbial Pathogenesis and Virulence

Track 3: Immunology of Infections

Track 4: Mechanism of Resistance

Track 7: Nosocomial Infections

Track 10: Infectious Diseases in Animals

Session Chairs: Lucian Visan, Sanofi Pasteur, France

Pietro Mastroeni, University of Cambridge, UK

Session Introduction

- 10:50-11:10 **New approaches for the rational design of safer live attenuated bacterial vaccines**  
Pietro Mastroeni, University of Cambridge, UK
- 11:10-11:30 **Mechanisms of protection mediated by Streptococcus pneumoniae PcpA- and PhtD-specific antibodies**  
Lucian Visan, Sanofi Pasteur, France
- 11:30-11:50 **Battling Bluetongue and Schmallenberg virus: Local scale behavior of transmitting vectors**  
Anders Stockmarr, Technical University of Denmark, Denmark
- 11:50-12:10 **TBE prophylaxis and consequences of its shortage in Poland**  
Anna Moniuszko-Malinowska, Medical University of Białystok, Poland
- 12:10-12:30 **Lessons learnt in a 17 year old with fever of unknown origin – Haemophagocytic lymphohistiocytosis- the most fatal outcome of Epstein-Barr virus infection**  
Hajir Ibraheim, Princess Royal University Hospital, UK
- 12:30-12:50 **Coordinated rearrangements between cytoplasmic and periplasmic domains of the membrane protein complex ExbB-ExbD of Escherichia coli**  
Sofia Amin Rezk Saad Khalil, Alexandria University, Egypt
- 12:50-13:10 **First isolation of Anaplasma phagocytophilum AAIK from Apodemus agrarius in Korea**  
Joon-Seok Chae, Seoul National University, Republic of Korea

Group Photo

Lunch Break 13:10-14:10

- 14:10-14:30 **Prevalence of Clostridium tetani and Clostridium botulinum strains in cattle and environments in Korea**  
Kichan Lee, Animal and Plant Quarantine Agency, Republic of Korea
- 14:30-14:50 **Fungicidal effect of Bovine Lactoferrin fragments in human pathogenic fungus (Candida Albicans)**  
Jack Ho WONG, The Chinese University of Hong Kong, Hong Kong
- 14:50-15:10 **Prevalence of immunity against infection of hepatitis a and hepatitis b in children, Cochabamba, Bolivia**  
Maria del rosario dávalos gamboa, University of San Simón, Bolivia

- 15:10-15:30** **The influence of NAT-1 genotype on para-aminosalicylic acid (PAS) pharmacokinetics and intolerance following once daily or twice daily PAS dosing**  
Peter Donald, Stellenbosch University, South Africa
- 15:30-15:50** **A case of cerebral malaria due to Plasmodium vivax**  
Mona Abd EL-fattah Ahmed, Ain-Shams University, Egypt
- 15:50-16:10** **Disease complexity – A bird's eye View**  
Chandrajit Lahiri, Sunway University, Malaysia
- 16:10-16:30** **Binding of hepatitis e virus RNA dependent RNA polymerase to the cis-acting regulatory elements in the HEV genome**  
Shakuntala Mahilkar, National Institute of Virology, India

Coffee Break 16:30-16:50

- 16:50-17:10** **The role of flagella in Clostridium difficile pathogenesis and biofilm formation: Comparison between a non-epidemic and an epidemic strain**  
Soza Tharwat Mohammed Baban, University of Nottingham, UK
- 17:10-17:30** **Prevalence of diarrhea in children below 60 months in University of Benin Teaching Hospital (UBTH), Benin City- Nigeria**  
Juliet Yakubu, Federal University Wukari, Nigeria

#### Video Session

- 17:30-17:50** **Middle East respiratory syndrome... Lessons learnt**  
Fatima Noman, Al-Iman General Hospital Riyadh, Saudi Arabia
- 17:50-18:10** **Nosocomial infection of laboratory animals caused by bacteria borne in a human hospital**  
Ze'ev Katzir, E Wolfson Medical Center, Israel

#### Panel Discussion

- 17:30-18:30** **Poster presentations**

- In vitro evaluation of anthelmintic activity of Mentha piperita extracts against Strongyloides venezuelensis**  
Maria Fernanda Chiari, Universidade Federal de São Carlos, Brasil
- Lipid-based nanoformulations of antimicrobial peptides to treat bacterial infectious diseases**  
Matougui Nada, University of Angers, France
- The antimicrobial peptides delivery strategies based on nanotechnology to treat infectious diseases**  
Groo Anne-Claire, University of Angers, France
- Evaluation of interaction mechanisms between Acinetobacter baumannii bacteria and lipidic nanocapsules by flow cytometry**  
Angelique Montagu, University of Angers, France
- How many patients who claim to have drug allergy have a true allergy?**  
Aram Aslanyan, Scunthorpe General Hospital, UK
- Treatment of Clostridium difficile infection with fidaxomicin: Real world case series**  
Saif Musa, Royal Free Hospital, UK
- Reappearance of rabies in Greece**  
Triantafyllou Argyro, Hygeia Hospital, Greece
- Eigth year evaluation and the therapeutic efficacy of two different regimens in naive children with chronic hepatitis b infection**  
Emine Kocabas, Cukurova University, Turkey
- Molecular diversity of Mycobacterium tuberculosis complex isolated from pulmonary tuberculosis cases in Malaysia**  
Siti Suraiya, Universiti Sains Malaysia, Malaysia
- Factors influencing the cure outcome among patients with smear positive tuberculosis**  
Sarimah Abdulkah, Universiti Sains Malaysia, Malaysia

Day 2 August 11, 2015

Hall 1

### Keynote Forum

- 08:30-08:55** **Janet Hammond**  
Roche Pharma Research and Early Development, Switzerland
- 08:55-09:20** **Stef Stienstra**  
Dutch Armed Forces / Royal Dutch Navy, Netherlands

**Track 6: Rapid Assessment Diagnostic Methods**  
**Track 7: Noscomial Infections**  
**Track 8: Therapeutic Agents and Therapeutic measures**  
**Track 10: Infectious Diseases in Animals**  
**Track 13: Ebola and Current Research**

**Session Chair:** *Stef Stienstra*, Dutch Armed Forces / Royal Dutch Navy, Netherlands  
*Marcio José Poças Fonseca*, University of Brasilia, Brazil

**Session Introduction**

- 09:20-09:40** **The epigenetic down regulation of *Cryptococcus neoformans* major virulence phenotypes is induced by histone deacetylases inhibitors**  
*Marcio José Poças Fonseca*, University of Brasilia, Brazil
- 09:40-10:00** ***Mentha piperita* L. improves liver fibrosis on experimental schistosomiasis**  
*Fernanda de Freitas Anibal*, University of São Paulo, Brazil
- 10:00-10:20** **Immunogenic effect in CD1 mice upon phosphate addition to *Chlamydia trachomatis* serovar E rMOMP compositions adjuvanted with a TLR4 agonist and AIOOH carrier system**  
*Lucian Visan*, Sanofi Pasteur, France
- 10:20-10:40** **Novelties in perioperative antibiotic prophylaxis**  
*Ana María Arnaiz-García*, University Hospital Marqués de Valdecilla, Spain

**Coffee Break 10:40-11:00**

- 11:00-11:20** **Evaluation of the performance of 2 DNA-based methods for the detection of extra-pulmonary tuberculosis in comparison with the conventional culture technique**  
*Eiman Mokaddas*, Kuwait University, Kuwait
- 11:20-11:40** **Palliative Care in an Ebola Treatment Centre: Challenges from the Front Line**  
*Victoria Knott*, Save the Children International, UK
- 11:40-12:00** **Clinical presentation, biochemical and haematological parameters and their association with outcome in patients with Ebola virus disease: An observational cohort study**  
*Luke Hunt*, Liverpool School of Tropical Medicine, UK
- 12:00-12:20** **Formulation of antimicrobial peptides**  
*Lovisa Ringstad*, SP Technical Research Institute of Sweden, Sweden
- 12:20-12:40** **Prevalence and microbiological diagnosis of *H.pylori* infection and its antibiotic resistance pattern in patients with acid-peptic disorders**  
*Himani B. Pandya*, S.B.K.S medical college, India
- 12:40-13:00** **In silico design of analogue peptides derived of bombina species with improved antimycobacterial activity in vitro**  
*Sandra Milena Chingaté*, Universidad Nacional De Colombia, Colombia

**Lunch Break 13:00-14:00**

- 14:00-14:20** **Isolation and characterization of a new broad acting lytic pasteurella-phage**  
*Sabia Qureshi*, Guru Angad Dev Veterinary and Animal Sciences University, India
- 14:20-14:40** **Evaluation of the performance of 2 DNA-based methods for the detection of extra-pulmonary tuberculosis in comparison with the conventional culture technique**  
*Eiman Mokaddas*, Kuwait University, Kuwait
- 14:40-15:00** **Dysregulation of human beta defensin-2 gene expression in peripheral blood of patients with sepsis and non-septic critically ill patients**  
*Khalid Mubarak Bindayna*, Arabian Gulf University, Kingdom of Bahrain
- 15:00-15:20** **Comparing the effects of hypericum perforatum L. and metronidazole vaginal gel in treatment of bacterial vaginosis: A randomised controlled clinical trial**  
*Zahra Mohammadzadeh*, Jolfa Clinic, Iran

**Young Researcher Forum**

- 15:20-15:40** **Phylogenetic and phylogeographic mapping of the avian coronavirus in wild and synanthropic birds**  
*Ricardo Durães-Carvalho*, Massachusetts Institute of Technology, USA
- 15:40-16:00** **The promising rule of neutrophil cd64 as an early diagnostic and prognostic marker in neonatal sepsis**  
*Shereen Ahmed El Masry*, Ain Shams University, Egypt

**Coffee Break 16:00-16:20**

- 16:20-16:40** **The predictive and prognostic values of neutrophil cd64, neutrophil cd11b, monocyte cd14 and presepsin in neonatal sepsis**  
*Heba Ezzat Hashem*, Ain Shams University, Egypt
- 16:40-17:00** **Irrational antibiotics prescribing behaviour of physicians in Taiwan**  
*Usman Iqbal*, Taipei Medical University, Taiwan
- 17:00-17:20** **Quality of life amongst HIV and tuberculosis patients**  
*Anshu Kumar Jha*, Kasturba Medical College, India

**Investigation of canine parainfluenza virus type 2 in dogs by immunofluorescence**

Bulut Oya, Selcuk University, Turkey

**Pharmacokinetics of ceftiofur after single intravenous and intramuscular injections in rabbits**

Kamil Uney, University of Selcuk, Turkey

**Determination of some etiologic agents in calves with diarrhea**

Nermin Isik, University of Selcuk, Turkey

**Eimeria spp. in naturally infected calves**

Ozlem Derinbay Ekici, University of Selcuk, Turkey

**Attitudes and Degree of awareness about MERS-CoV among Saudis of different ages**

Shafi Alqahtani, Prince Sattam Bin Abduaziz University, Saudi Arabia

**Epidemiology and clinical presentation of MERSCoV in Saudi Arabia: A systematic review**

Muteb Nasser R Aldawsari, Prince Sattam Bin Abduaziz University, Saudi Arabia

**Genetic diversity among circulating Staphylococcus aureus strains in a Western Nigerian Hospital**

Adelowotan Aminat Oluwatoyin, University of Lagos, South Africa

**Prevalence of specific H.pylori genotypes cagA, vacA, iceA, ureC in Central Gujarat and its clinical relevance in the patients with acid-peptic diseases**

Himani B. Pandya, S.B.K.S medical college, India

**Green nanotechnology: Promising antimicrobial activity of oil, silver and sulphur nanoparticles obtained from Melaleuca alternifolia against representative skin infecting pathogens**

Ashraf O. Abdellatif, Cairo University, Egypt

**Do women have higher rates of HIV infection? A study on HIV infection in blood donors of Alborz province in Iran**

Kourosh Kabir, Alborz University of Medical Sciences, Iran

## E-Posters

**Dual therapy with lamivudine plus boosted protease inhibitor for treatment of HIV infection: A literature review**

José Alfredo de Sousa Moreira, Instituto Nacional de Infectologia Evandro Chagas, Brazil

**Synthetic analogues of pyridine-N-oxide disulfides from Allium stipitatum demonstrate potent anti-tubercular activities and inhibit mycobacterial drug efflux pumps**

Cynthia Amaning Danquah, University of London, UK

**Protein C as a marker of venous insufficiency in erysipelas of the legs**

Elena G. Fokina, Central Scientific Research Institute of Epidemiology, Russia

**Viral etiology of acute respiratory tract infections during the 2012/2013, 2013/2014 and 2014/2015 winter seasons in Bulgaria**

Svetla Angelova, National Centre of Infectious and Parasitic Diseases, Bulgaria

**Clinical and laboratory investigations of human metapneumovirus (hMPV) in infants and young children with pneumonia and bronchiolitis in Saudi Arabia**

Abdelwahid Saeed Ali, King Khalid University, Saudi Arabia

**Development of optimal algorithm for determination of Escherichia coli and Klebsiella pneumoniae with phenotypic ESBLA and ESBLM based method**

Ülle Parm, University of Tartu, Estonia

**42 cases of A H1N1 Flu during 2011 In Algiers**

A.Zertal, Laadi Flici Hospital, Algeria

**Prevalence and resistance to antibiotics of Enterobacteriaceae and non-fermentative bacilli isolated at the military hospital specialized in orthopedics at Algiers (2009-2014)**

Aouf Abdelhakim, University of Sciences and Technology Houari Boumediene, Algeria

**Distribution, frequency and sensitivity pattern of extended spectrum beta-lactamases in archived isolates of sterile fluids in a tertiary care hospital in Delhi**

Soumya Sachdeva, Vardhman Mahavir Medical College and Safdarjang Hospital, India

**Detection of human metapneumovirus in hospitalized children with acute respiratory tract infections in Sulaimani province, Iraq**

Tariq A.G.Aziz Khaffaf, Sulaimani University, Iraq

## Panel Discussion

## Hall 1

### Keynote Forum

08:30-08:55 **Ashok Kapse**  
Mahavir Super Specialty Hospital, India

#### Special Session

08:55-09:15 **Intestinal microbiome transplantation in patients with clostridium difficile colitis**  
Irina Magdalena Dumitru, Ovidius University Constanta, Romania

09:20-09:40 **Managing bio-security information**  
Stef Stienstra, Dutch Armed Forces / Royal Dutch Navy, Netherlands

**Track 5: Epidemiology of Emerging and Re-emerging diseases**

**Track 11: Plant Disease Modelling and Parameter Estimation**

**Track 12: Public Awareness**

**Track 13: Ebola and Current Research**

**Track 14: Common Infectious Diseases**

**Track 15: Infectious Diseases in pregnancy**

**Track 16: Tropical Infectious Diseases**

**Track 18: Communicable and Contagious Infectious Diseases**

**Session Chair: Irina Magdalena Dumitru, Ovidius University Constanta, Romania**  
Amr Hussein Mahmoud Ismail, Cairo University, Egypt

#### Session Introduction

09:40-10:00 **Control and management of EV 71 associated HFMD**  
Amr Hussein Mahmoud Ismail, Cairo University, Egypt

10:00-10:20 **Controlling the Ebola outbreak in Western Africa: The historical experience from China**  
Mingli Jiao, Harbin Medical University, China

10:20-10:40 **Transmission of leishmaniasis in Ethiopia: Zoonosis Vs Anthroponosis**  
Aysheshm Kassahun GELAGLIE, Charles University in Prague, Czech Republic

#### Coffee Break 10:40-11:00

11:00-11:20 **Serological and molecular detection of melon (cucumis melo l.) infecting viruses in Azerbaijan**  
Nargiz Sultanova, Azerbaijan National Academy of Sciences, Azerbaijan

11:20-11:40 **Determinants of treatment delays among pulmonary tuberculosis patients in Enugu Metropolis, South-East, Nigeria**  
Omotowo Babatunde, University of Nigeria, Nigeria

11:40-12:00 **Seroprevalence of cytomegalovirus antibodies in pregnant women, Benue state, Nigeria**  
Ebele Umeh, University of Agriculture, Nigeria

12:00-12:20 **Molecular analysis of chikungunya in the Philippines**  
Maria Luisa G. Daroy, St. Luke's Medical Center, Philippines

12:20-12:40 **Molecular studies on clinically severe Plasmodium vivax infections**  
Vineeta Singh, National Institute of Malaria Research, India

12:40-13:00 **Assessment of knowledge regarding risk factors of hepatitis c virus transmission and options to avoid them (a comparative analysis)**  
Samina Naeem Khalid, Health Services Academy, Pakistan

13:00-13:20 **Prevalence of inducible clindamycin resistance in Staphylococcal isolates at a tertiary care hospital from Islamabad, Pakistan**  
Rabaab Zahra, Quaid-i-Azam University, Pakistan

13:20-13:40 **Adherence of physicians-in-training to the 2009 ISTC at the University of the Philippines-Philippine General Hospital**  
Aileen F Zagala, University of the Philippines-Philippine General Hospital, Philippines

#### Panel Discussion

#### Lunch Break 13:40-14:10

#### Award Presentation & Closing Ceremony