212th OMICS Group Conference

Scientific Program

OMICS Group Conferences
Accelerating Scientific Discovery

3rd International Conference on Clinical Microbiology & Microbial Genomics

September 24-26, 2014 Valencia Convention Centre, Spain



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OMICS Group Conferences
5716 Corsa Ave., Suite 110, Westlake Los Angeles, CA 91362-7354, USA
Phone: +1-650-268-9744, Fax: +1-650-618-1414, Toll free: +1-800-216-6499
Email: *clinicalmicrobiology2014@omicsgroup.biz*

Day 1 September 24, 2014

08:00-09:30 Registrations

Committee Room 8-9

09:30-10:00 **Opening Ceremony**

Keynote Forum

10:00-10:05 **Introduction**

10:05-10:30 **Phyllis Della-Latta**
Columbia University College of Physicians & Surgeons, USA

10:30-10:55 **Max Reynolds**
98 Alive, Australia

10:55-11:20 **Alan Ebringer**
King's College, UK

Coffee Break 11:20-11:40 @ Auditorium 3 Foyer

Group Photo 11:40-11:50

Track 1: Novel Insights into Clinical Microbiology
Track 2: Microbiology-Current Research
Track 3: Antimicrobials and Disinfectants
Track 4: Infection Control & Immunity
Track 5: Clinical Infectious Diseases

Session Introduction

Session Chair: Chris JLM Meijer, Vrije Universiteit Medical Center, (VUMC), Netherlands
Session Co-Chair: Chaoqun Yao, Ross University School of Veterinary Medicine, West Indies

11:50-12:10 **Post-transcriptional modification of RNA: Effect on biology and virulence of *Salmonella***
Amin A Fadl, University of Wisconsin, USA

12:10-12:30 **Strategy for developing a molecular sub typing tool for a food borne bacterial pathogen using a whole genome analysis approach: The case of *Salmonella Enteritidis***
Dele Ogunremi, Canadian Food Inspection Agency, Canada

12:30-12:50 **From cytology to full molecular cervical screening**
Chris JLM Meijer, Vrije Universiteit Medical Center, (VUMC), Netherlands

12:50-13:10 **Bovine trichomoniasis in beef cattle in Wyoming, USA**
Chaoqun Yao, Ross University School of Veterinary Medicine, West Indies

13:10-13:30 **IL17 Pathway involves moderating pulmonary hypertension, a common complication of COPD, in statins therapy in smoking rats**
Xin Wang, ACURE Biotechnology, Inc., USA

Lunch Break 13:30-14:20 @ Multi Purpose Hall 2

14:20-14:40 **Breaking down barriers to promote effective antibiotic action**
Roger Beuerman, Singapore Eye Research Institute, Singapore

14:40-15:00 **Genetic modifications within TLR4 and TLR9 genes contribute into congenital toxoplasmosis and cytomegaly development**
Wioletta Wujcicka, Polish Mother's Memorial Hospital Research Institute, Poland

15:00-15:20 **Tyrosine - Silica biostructures for improved drug delivery against *S. Aureus***
Monica Cartelle Gestal, National Institute of Research in Public Health (INSPI), Ecuador

Coffee Break 15:20-15:40 @ Auditorium 3 Foyer

15:40-16:00 ***In vitro* antifungal susceptibility testing of 5 antifungal agents against dermatophytic species by CLSI(M38-A) micro dilution method**
Gadangi Indira, Kakathiya University, India

16:00-16:20 **Molecular analysis of viral pathogens causing diarrhea in filipino children**
Maria Luisa Daroy, St. Lukes Medical Center, Philippines

16:20-16:40 **Could clinical *Stenotrophomonas maltophilia* be a potential pathogen in clinical setting?**
Vasantha Kumari Neela, Universiti Putra Malaysia, Malaysia

16:40-17:00 **Efficacy of combined antiretroviral therapy (cART) in hepatitis B and C - associated Hepatocellular Carcinoma - A systematic review of randomized controlled studies**
Abubakar Yaro, Africa Health Research Organization, Ghana

17:00-17:20 **Antimicrobial, phytochemical and haemolytic evaluation of Kamue Local Concoction *in vitro***
Comfort Vandu, The Federal Polytechnic Mubi, Nigeria

17:20-17:40 **A ten-year evolution of a multidrug-resistant tuberculosis (MDR-TB) outbreak in an HIV-negative context, Tunisia (2001-2011)**
Helmi Mardassi, Institut Pasteur de Tunis, Tunisia

17:40-18:00 **Comparative analysis of bacterial enumerations in fecal samples of patients with Familial Mediterranean fever disease by culture-based and phylochip techniques**
Astghik Z Pepoyan, Armenian National Agrarian University, Armenia

Panel Discussions

Day 2 September 25, 2014

Committee Room 8-9

Keynote Forum

09:00-09:25 **Duncan Dartrey Adams**
University of Otago, New Zealand

Track 6: Tools and Diagnostics in Clinical Microbiology
Track 7: Clinical Veterinary Microbiology and Current Research
Track 8: Infectious Diseases & Public Health

Session Introduction

Session Chair: Marco Manfredi, University of Parma, Italy
Session Co-Chair: W John Martin, Institute of Progressive Medicine, USA

09:25-09:45 **Study of the evolution during 20 years of the tropical and zoonotic diseases in Ecuador**
Monica Cartelle Gestal, INSPI, Ecuador

09:45-10:05 **Primary antimicrobial susceptibility changes in children with *Helicobacter pylori* infection over 13 years in northern Italy**
Marco Manfredi, University of Parma, Italy

10:05-10:25 **Toxoplasmosis in immunocompetent and immuno compromised population of Constanta, Romania**
Irina Magdalena Dumitru, Ovidius University, Romania

10:25-10:45 **Visceral leishmaniasis in Delphan city, Lorestan province: Introduce a new focus of VL in Iran**
Vahideh Moin-Vaziri, Shahid Beheshti University of Medical Sciences, Iran

10:45-11:05 **Lemierres syndrome: The forgotten disease? A case report**
Amera Elzubier, University Hospital Birmingham, UK

Coffee Break 11:05-11:25 @ Auditorium 3 Foyer

11:25-11:45 **Antibiotics sensitivity of microorganism causing nosocomial infections**
Tea Koiava, Shota Restiveli StateUniversity, Georgia

11:45-12:05 **Viteria and the potential over diagnosis of chronic lyme disease**
W John Martin, Institute of Progressive Medicine, USA

12:05-12:25 **Platelet reactivity during different stages of sepsis: Preliminary results**
Karolina Akinosoglou, University of Patras, Greece

12:25-12:45 **Incidence of onychomycosis among different occupational workers in Hyderabad, India**
Humaira Rizwana, King Saud Univerisity (KSU), Kingdom of Saudi Arabia

12:45-13:05 **Characterization of the fecal microbiota of pigs before and after inoculation with *Brachyspirahampsonii***
Matheus O Costa, University of Saskatchewan, Canada

Lunch Break 13:05-14:00 @ Multi Purpose Hall 2

Young Researcher Forum

Session Introduction

14:00-14:20 **A fruit rind extract from *Garcinia mangostana* Linn exhibits anti-microbial activity against *Pythiuminsidiosum*, an oomycete microorganism causing human pythiosis**
Nujarin Jongruja, Mahidol University, Thailand

14:20-14:40 **Contribution of KatG and inhA gene mutation in isoniazid drug resistance: A study on clinical isolates of *Mycobacterium tuberculosis* from North India**
Indu Jaiswal, King George's Medical University, India

14:40-15:00 **Retrospective study of the situation of dengue in Ecuador for the last 20 years**
Maria Jose Alulema, ESPOCH, Ecuador

15:00-15:20 **A look back to the situation of Ecuador. Is *Salmonella spp*. still a big problem?**
Ariel Avalos, ESPOCH, Ecuador

15:20-15:40 **Urinary tract infection in sobrata, algmel cities in Libya 2013**
Khalifa Fatnasa, University of Tripoli, Libya

15:40-16:00 **Pattern of macro and micro-nutrient intake among Bangladeshi type-2 diabetic and non diabetic subjects**
Farida Jasmine, Bangladesh University of Health Sciences, Bangladesh

Coffee Break 16:00-16:20 @ Auditorium 3 Foyer

Day 3 September 26, 2014

Committee Room 8-9

Keynote Forum

09:00-09:25 **Hamid Yahay Hussain**
Dubai Health Authority, Dubai

Track 9: Current Research in Medical Microbiology
Track 10: Microbial Genomics and Cellular Microbiology
Track 11: Vaccines against Infectious Disease
Track 12: Microbial and Biochemical Technology

Session Introduction

Session Chair: Sumarno Reto Prawiro, Brawijaya University, Indonesia
Session Co-Chair: Dele Ogunremi, Canadian Food Inspection Agency, Canada

09:25-09:45 **Therapeutic modulation and reestablishment of the intestinal microbiota with fecal microbiota transplantation resolves sepsis and diarrhea in a patient**
Qiurong Li, Nanjing University School of Medicine, China

09:45-10:05 **Can mice legated Ilea loop (MLIL) model replace rabbit Ilea loop (RIL) model for bacterial diarrhea?**
Sumarno Reto Prawiro, Brawijaya University, Indonesia

10:05-10:25 **Development of genetically modified live attenuated parasites as potential vaccines against visceral leishmaniasis**
Poonam Salotra, National Institute of Pathology (ICMR), India

10:25-10:45 **Single nucleotide polymorphism in the genome of *Salmonella Enteritidis* and implications for controlling an important foodborne pathogen**
Dele Ogunremi, Canadian Food Inspection Agency, Canada

10:45-11:05 **Genetic variability of HCMV strains isolated from Polish pregnant women, their fetuses and newborns**
Wioletta Wujcicka, Polish Mother's Memorial Hospital Research Institute, Poland

Coffee Break 11:05-11:25 @ Auditorium 3 Foyer

11:25-11:45	**HCV/HIV co-infected patients in National Hospital for Tropical Diseases, Vietnam: Genotypes, clinical manifestations and initial results in treating of with Peg-IFN/RBV** **Nguyen Tien Lam,** National Hospital for Tropical Diseases, Vietnam
11:45-12:05	**Bacteriology and antibiotic sensitivity patterns of urinary tract infections in a tertiary hospital in Bangladesh** **Md. Mahabubul Islam Majumder,** Comilla Medical College, Bangladesh
12:05-12:25	**Codon optimization, cloning and expression of crimean-congo hemorrhagic fever virus Gn glycoprotein by baculovirus expression system** **Mehdi Rahpeyma,** Ahvaz Jundishapur University of Medical Sciences, Iran
12:25-12:45	**Preliminary phytochemical and antibacterial studies of *Polygonum maritimum* and Olea europaea plants extracts** **Salem Edrah,** Al-Mergheb University, Libya
12:45-13:05	**Investigation of S315R and S315T through structural analysis coupled with docking studies of isoniazid prodrug to wild type & mutant KatG of MDR-MTB** **Muhammad Mumtaz Khan,** University of Haripur, Pakistan

Closing Ceremony

Lunch Break 13:10-14:00 @ Multi Purpose Hall 2