3rd International Congress on
Bacteriology and Infectious Diseases
August 04-06, 2015 Valencia, Spain

Scientific Program

Meliá Valencia
Avenida Cortes Valencianas 52
Valencia 46015
Spain

OMICS International 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: bacteriology@omicsgroup.com, bacteriology@conferenceseries.com
Day 1 August 04, 2015

Room A

Opening Ceremony

Keynote Forum

Introduction
A proposed new selective growth medium for the isolation of enteroaggregative shigatoxigenic strains of the emerging pathogen Escherichia coli O104:H4
Kei Amemiya, US Army Medical Research Institute for Infectious Diseases, USA

Stress response in Mycobacteria: Cell shape and survival
Leif A. Kirsebom, Uppsala University, Sweden

In vivo studies with overlapping ORF junction reveal that the major function of RRF (ribosome recycling factor) is to release ribosomes from the termination codon of post-termination complex
Akira Kaji, University of Pennsylvania, USA

Group Photo

Track 1: Bacterial Pathogenesis, Virulence and Counter measures
Track 2: News in Harmful Bacteria
Track 3: Immune Defence against Bacterial Pathogens: Innate and Adaptive Immunity
Track 4: Plant-Microbe Symbiosis and Pathology

Session Chair: Leif A. Kirsebom, Uppsala University, Sweden
Session Co-chair: Kei Amemiya, US Army Medical Research Institute for Infectious Diseases, USA

Coffee Break

Session Introduction

Novel urease inhibitors for the control of ureolytic microbial pathogens
Agnieszka Grabowiecka, Wrocław University of Technology, Poland

Aeromonas salmonicida proliferation and quorum sensing in response to mucins isolated from Atlantic salmon skin and intestine
János Tamás Padra, University of Gothenburg, Sweden

The role of Candida albicans in the activation of TLR-also been other ideas where mechanisms of innate immunity
Svitich Oxana A, Pirogov Russian National Research Medical University, Russia

Antimicrobial susceptibility pattern of Staphylococcus Aureus isolates from orthopaedic patients in Abuth, Zaria
Josiah Ademola Onaolapo, Ahmadu Bello University, Nigeria

Acceptability of Azithromycin Mass Treatment for Trachoma Elimination in Injibara Town and Adjacent Banja Woreda of Awi Zone, Amhara Region
Zelalem Tilahun, Addis Ababa University, Ethiopia

Lunch Break

Isolation and Identification of potential PAH degrading Bacterial Species from the Diep- and Plankenburg Rivers, Western Cape, South Africa
Vanessa Jackson, Cape Peninsula University of Technology, South Africa

Antibiotic and Disinfectant Resistance of Salmonella from Retail Meats in China
Likou Zou, Sichuan Agricultural University, China

Microbial pollutants in stagnant water in an informal settlement in the Western Cape, South Africa
Arnelia N. Paulse, Cape Peninsula University of Technology, South Africa

Effect of Ciprofloxacin and Levofloxacin, alone or in combination with N-acetylcysteine on Biofilm-producing Enterococcus faecalis–Contaminated Root Canals of extracted human teeth
Rashid Ramazanzadeh, Kurdistan University of Medical Sciences, Iran

Interactions of plant pathogenic bacteria and plant growth promoting rhizobacteria with plant parasitic nematodes
Zaki A Siddiqui, Aligarh Muslim University, India

Biomedical applications of Laser induced breakdown spectroscopy in Bacterial identification
J.O. Caceres, Universidad Complutense, Spain
Diversity, Bioactivity, and Secondary Metabolite profiles of bacteria isolated from different tissue of the Mollusk Gastropod Truncatella sp.
Malem Flores, University of the Philippines, Philippines

Host-Helicobacter interactions in the mucus niche
Medea Padra, University of Gothenburg, Sweden

Extreme antibiotic resistant Acinetobacter baumannii-related Pneumonia in a regional hospital
Enayatollah Kalantar, Alborz University of Medical Sciences, Iran

Occurrence of Vibrio cholerae in fish and water from a reservoir and a neighboring channel in Ouagadougou, Burkina Faso
Oumar Traore, National Laboratory of Public Health, Burkina Faso

Immune responses to Mycobacterium avium infection and the role of MAPK pathway in regulation of signal transduction during the infection
Mohammed Shukur, University of Nottingham, United Kingdom

Bacteriology & chemical analysis of Sulfur spring water in Al-Qurayyat city
Meshref A. Al-ruwaili, Al-Jouf University, Saudi Arabia

Assessment of Bacteriological contamination of groundwater used for drinking in Zolozolo, Nkhorongo and Ndirande Townships in Blantyre and Mzuzu Cities
John F. Kamanula, Mzuzu University, Malawi

Antibacterial properties of new bacterium isolated from date palm leaves affected by the brittle leaf disease
Mouna Jrad, University of Sfax, Tunisia

Recombination in the substrate recognition domain of TcdB confers a variant glucosyltransferase activity and a distinctive cytopathic effect to a Clostridium difficile strain from the hypervirulent clade II
Quesada-Gómez C, Universidad de Costa Rica, Costa Rica

Panel Discussion

Day 2 August 05, 2015

Keynote

Introduction

Keynote Speech

Track 5: Clinical Aspects of Bacterial Infections
Track 6: Epidemiology, Emerging Infectious Diseases and Public Response Planning
Track 7: Medical Microbiology - From Benchtop to Clinic

Session Chair: Ashraf M. Ahmed, King Saud University, Saudi Arabia
Session Co-chair: Antonio Fasanella, Anthrax Reference Centre of Italy, Italy

Bacterial challenge in the control measures of mosquito-borne diseases: The battle against mosquito vectors
Ashraf M. Ahmed, King Saud University, Saudi Arabia

Bacillus anthracis strains circulating in Albania
Emanuele Campese & Antonio Fasanella, Anthrax Reference Centre of Italy, Italy

The parental use of antibiotics in children in Saudi Arabia
Arwa Alumran, Queensland University of Technology, Australia

Prevalence of Diabetes type-2 & Pulmonary Tuberculosis among Filipinos and Treatment outcomes: A surveillance study in Eastern Saudi Arabia
Liaquat Ali Chaudhry, Chairman Internal Medicine, Saudi Arabia

Bacterial infections and emerging resistance in renal transplant recipients
Inam Danish, Armed Forces Medical College, India

Antibacterial activity of Sudanese bee honey: Laboratory and Clinical Evaluation
Mahasin Wadi, Dar Aluloom University, Saudi Arabia

Profile of viral hepatitis in Saudi Arabia
Abdullah Bin Salamah, King Saud University college of Medicine, Saudi Arabia

Lunch Break
Low serum vitamin D in North Indian multi-drug resistant pulmonary tuberculosis patients: the role of diet and sunlight
Jaishriram Rathored, Aix-Marseille University, France

Multiresistant Elizabethkingia Meningoseptica infections in tertiary care
Inam Danish, Armed Forces Medical College, India

Knowledge, attitudes and practice of primary healthcare physicians concerning the occupational risks of hepatitis B virus in Al Jouf Province, Saudi Arabia
Ahmad Homoud Al-Hazmi, AL Jouf University, Saudi Arabia

Association of genetic polymorphism of the DNA base excision repair gene (APE-1 Asp/148 Glu) and HPV type (16/18) with the risk of cervix cancer in north Indian population
M. Shekari, Hormozgan University of Medical Science, Iran

Yellow Fever Outbreak in Obomeng, Ghana: December, 2013
Joseph K. L. Opare, School of Public Health, Ghana

Modeling the Nigerian Public Health Care Competencies in Developing Responsive Public Health Care Systems in Early Filovirus (Ebola) Outbreaks in Developing Africa.
Augustine Omefa Akeni, University of Benin, Nigeria

Incidence of human rabies exposure and associated factors at Gonder Health Center, Ethiopia: a three-years retrospective study
Meseret Yibrah Yeebio, University of Gonder, Ethiopia

Dissemination of IncF-type plasmids in multiresistant CTX-M-15-producing Enterobacteriaceae isolates from surgical-site infections in Bangui, Central African Republic (CAR)
Thierry Frank, Institut Pasteur de Bangui, Central African Republic

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Speakers Slots Available
Coffee Break
Poster Presentations From 1-50
Panel Discussion
Day 3 August 06, 2015 Room C

Introduction

Track 8: Animal Bacterial Diseases
Track 9: Advances in Antimicrobials, Vaccines and Therapeutics
Track 10: Diagnostic Pathology of Infectious Disease

Session Chair: Promod Mehta, Maharshi Dayanand University, India
Session Co-chair: Tony Velkov, Monash University, Australia

Comparing several gene targets of Mycobacterium Tuberculosis for designing Multiplex-PCR: Its implications for diagnosis of Extra Pulmonary Tuberculosis
Promod Mehta, Maharshi Dayanand University, India

Development of novel antimicrobial lipopeptides against MDR Gram-negative superbugs
Tony Velkov, Monash University, Australia

New Antibacterial agents against Gram-negative Pathogens from a Fundacion MEDINA’s microbial natural products collection screening
C. Diaz, Fundación MEDINA, Spain

Impact of putative Bacterocins against multidrug resistant clinical isolates
Samyyia Abrar, University of the Punjab, Pakistan

Amplification, cloning and expression of Brucella melitensis bp26 gene (OMP28) isolated from Markazi province (Iran) and purification of Bp26 Protein
Seyed Davood, Razi vaccine & Serum Research institute, Iran

Serum trace elements in active Pulmonary Tuberculosis by atomic absorption spectrophotometer
Zainab Manzoor Memon, Liaquat University of Medical & Health Sciences, Pakistan

Comparison for encapsulated gentamicin efficiency within different neutral and negative charged liposomal formulations for treating pathogenic lung bacteria
Majed A. Majrashi, King Abdulaziz city for Science and Technology, Saudi Arabia

Antibiogram of Salmonella serotype Typhi and Paratyphi isolated from patients suspected of Enteric fever
Mahendra Maharjan, Tribhuvan University, Nepal

Antimicrobial peptide novicidin synergises with rifampicin, ceftriaxone and ceftazidime against antibiotic-resistant Gram-negative Enterobacteriaceae in vitro
Yanmin Hu, St George’s, University of London, United Kingdom
Effective protection by high efficiency bicistronic DNA vaccine against anthrax expressing protective antigen and catalytically inactivated lethal factor
Bincy Joseph, College of Veterinary and Animal sciences, India

Common non-steroidal anti-inflammatory drugs (NSAIDs) in the fight against tuberculosis (TB)
Sanjib Bhakta, University of London, United Kingdom

Antimicrobial Activity of The Saponin Extract of Sansevieria trifasciata var. Golden Hahnii
Whika Febria Dewatisari, Universitas Terbuka, Indonesia

Lunch Break

A Descriptive Analysis of Nontuberculous Mycobacterial Infections (NTM) of the Upper Extremity
Moataz AlKnawy, Division of Infectious Diseases, Mayo Clinic, USA

Novel approach to investigate syphilis pathogenesis, a neglected but devastating infectious disease
Nikhat Parveen, Rutgers New Jersey Medical School, USA

DENV3 envelope protein of Dengue Virus: A potential target for the vaccine designing
Arun G Ingale, North Maharashtra University, India

Accuracy of the Kato-Katz method in diagnosis of the diagnosis of S. Mansonii and soil transmitted Helminths infection in Zimbabwe
Nyandoro George, University of Zimbabwe, Zimbabwe

Investigation and molecular typing of Brucella isolated from dairy cattle herd immunized with Brucella abortus RB51 vaccine in Egypt
Gamal Wareh, Institute of Bacterial Infections and Zoonoses, Germany

Cloning, sequencing, expression, and purification of Staphylococcus simulans lysostaphin enzyme gene
Hossein Vazini, Islamic Azad University, Iran

Unraveling the mechanistic details underlying the antimicrobial and antibiofilm activity of metal compounds
Joe A. Lemire, University of Calgary, USA

Coffee Break

Speakers Slots Available
Poster Presentations From 51 to
Panel Discussions

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