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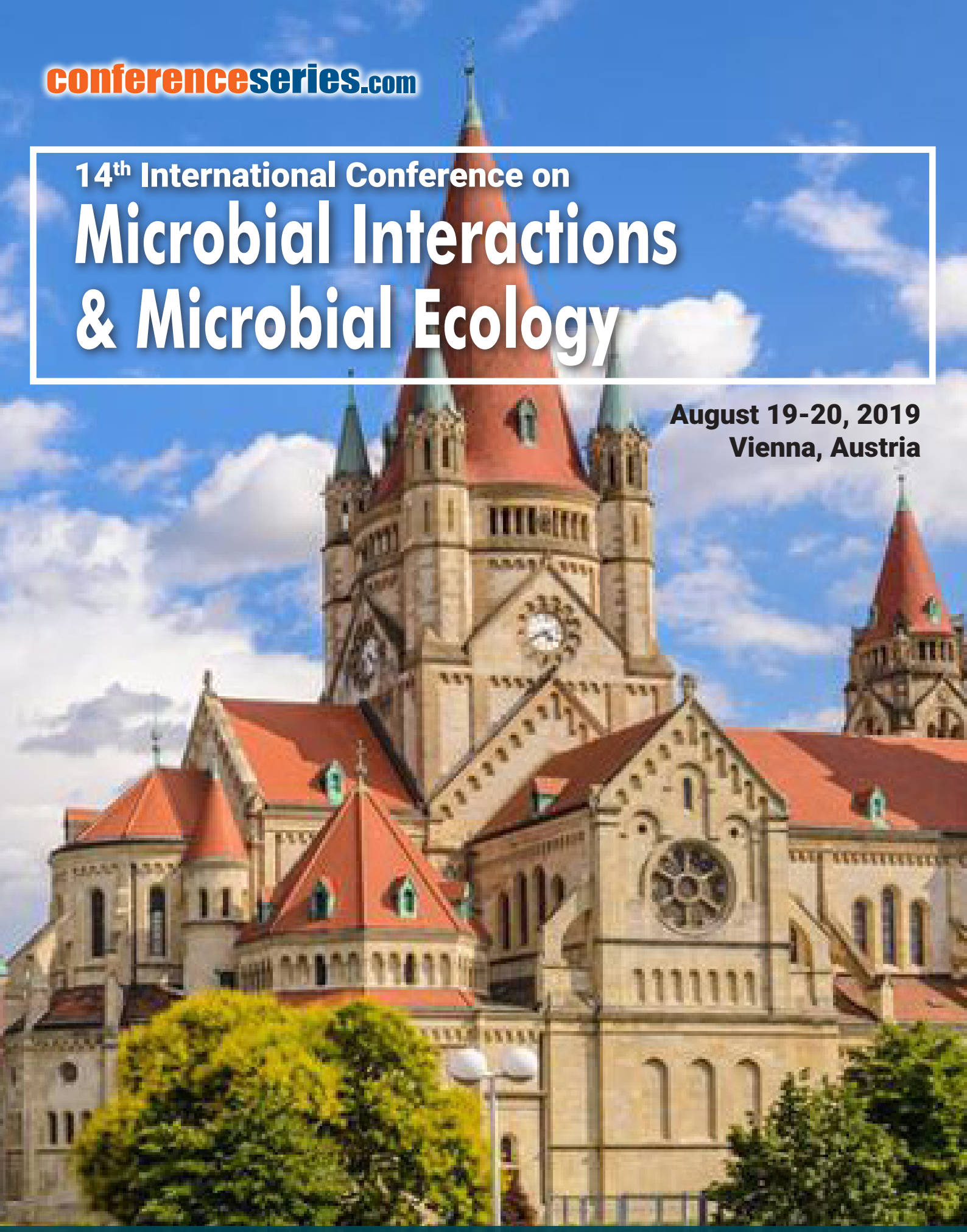
14th International Conference on

Microbial Interactions & Microbial Ecology

August 19-20, 2019
Vienna, Austria



SCIENTIFIC PROGRAM

DAY 1
19th August, 2019

08:30-09:00 **Registrations**

09:00-09:30 **Introduction**

09:30-09:50 COFFEE BREAK

09:50-11:50 Meeting Hall 01 **KEYNOTE LECTURES**

11:50-13:10

MEETING HALL 01	MEETING HALL 02
Talks On: Microbial Interactions	**Talks On: Microbial Ecology**
Microbe -Microbe interactions	Water Microbial Ecology
Microbial Interactions with Plants	Biofilm Microbial Ecology
Microbial Interactions with Humans	Food Microbial Ecology
Microbial Interactions with animals	Synthetic Microbial Ecology
Microbial Interactions with Environment	Gastrointestinal Microbial Ecology

13:10-13:15 GROUP PHOTO

13:15-14:00 LUNCH BREAK

14:00-16:00

MEETING HALL 01	MEETING HALL 02
Talks On: Host-pathogen interaction	**Talks On:** Plant-Soil Microbe Interactions
Microbial Pathogenesis	Plant-microbe chemical interactions
Host Pathogen Interface	Microbial community gene expression
Beneficial Microbes	Plant gene expression
Pathogenic Microbes	Soil Microbe Interactions

16:00-16:20 COFFEE BREAK

MEETING HALL 01 (16:20-17:00)	MEETING HALL 01 (17:00-18:00)
Young Researchers Presentations	Workshop

DAY 2
20th August, 2019

09:00-10:30 Meeting Hall 01 — **KEYNOTE LECTURES**

10:30-10:50 COFFEE BREAK

10:50-12:50

MEETING HALL 01	MEETING HALL 02
Talks On: Microbial Community	**Talks On: Microbial Diseases**
Soil Microbial Community	Brucellosis
Rizosphere Microbial Communities	Buruli ulcer
Photoautotroph Microbial Communities	Anaplasmosis
Water Microbial Community	Blastocystosis
	Bubonic plague

12:50-13:35 LUNCH BREAK

13:35-15:55

MEETING HALL 01	
Talks On: Microbiology & Infectious Diseases	**Talks On: Soil microbiology**
Burkholderia Infection	Soil as a living system
Baylisascaris Infection	Soil microbes and plant growth
Bacillus cereus Infection	Soil microorganisms and soil structure
Bk virus Infection	Organic matter decomposition
	Biogeochemical cycling of elements
	Soil microorganisms as bio-control agents
	Soil microbes and seed germination

15:55-16:15 COFFEE BREAK

MEETING HALL 01 (16:15-17:00)	MEETING HALL 01 (17:00-18:00)
Poster Presentations	Workshop

Featured Speaker Presentations

Title: Abundance and Immunogenicity of two Giant Viruses, *namely Pithovirius* lacustris and *Urceolovirus corneum*
Yetunde Adegboye, University of Duisburg-Essen, Germany

Title: Assessment of Predatory Traits of Bdellovibrio bacteriovorus and Agromyces ramosus on Clinical Pathogenes *Klebsiella pneumonie*, *Acinetobacter baumannii* and *Pseudomonas aeruginosa*
Ahmet Volkan Kurtoglu, Bezmialem Vakıf University, Turkey

Title: *Pseudomonas spp*. strains isolated from grapevine leaves modulate the inhibitory activity of the biocontrol agent Lysobacter capsici AZ78
Francesca Brescia, University of Udine, Italy

Title: Identification and characterization of Cyanophages in Kuwaiti Seawater using Polymerase Chain Reaction (PCR) Technology and Nanoscopy
Dr. Narjes Dashti, Kuwait University, Kuwait

Title: Determination of uropathogenic virulence-associated genes in *Escherichia coli* isolated from patients with urinary tract infection
Zahra Tayebi, Islamic azad university Tehran medical sciences

Title: Assessment of Bacterial Profile and Antimicrobial Resistance Pattern of Bacterial Isolates from Blood Culture in Addis Ababa Regional Laboratory, Addis Ababa, Ethiopia
Semira Ebrehim Geleto, Ethiopia Public Health Institute (EPHI)

Title: Effect of Eucalyptus extract combination with calcium chloride on microflora of grapevine during storage.
Tamar Shamatava, Georgian Technical University

Title: Continuous application of different fertilizers induced distinct bulk and rhizosphere soil protist communities
Sai Guoa, Nanjing Agricultural University, China

Title: Influence of the Biopreparation Phytocatena on the Fungi Fusarium of Tomato Root and Rhizosphere
Guliko Dvali, Georgian Technical University

Title: Chemotaxonomy as a new and rapid tool to identify marine *cyanobacteria*
Falguni Paul, USA

Title: Whole-genome sequencing of a novel Chryseobacterium strain isolated from poultry feather waste
Lum Nde, University of the Free State, South Africa

Title: The Exotic salmonella London prefer medical surgical staff
Maria Pavlova, NCIPD, Bulgaria

Title: Longitudinal sampling of the aerodigestive microbiome in people with cystic fibrosis
Dr. Hafez Al-momani, HashemiteUniversity in Zarqa

Title: Methicillin Resistant *Staphylococcus aureus* (MRSA) ST 398 and gutmicrobiota: Interspecies interactions into the mucus layer of ascendant colon
Elisa Spinelli, University of Foggia, Italy

Title: Use of herbs and spices to increase the productivity of microalgae
Daryl Lee, Nanyang Technological University, Singapore

Title: Enterocyte tight junctions as a target for *Candida albicans* translocation through the gut barrier
Tracy Paradis, UMR A PAM, Univ Bourgogne-Franche-Comte, France

Featured Speaker Presentations

Title: Extended-spectrum-β-lactamase (ESBL)-producing Escherichia coli isolates detected in food-producing animals: A Korean-nationwide monitoring program (2017- 2018)
Young Ah Kim, National Health Insurance Service Ilsan Hospital, Korea

Title: More perception into the variance of coagulase positive *Staphylococci* with particular consideration to coagulase gene polymorphism
Dr. Mona El Shabrawy, National Research Centre, Egypt

Title: Screening of metabolites associated with adaptation of microorganisms to extremophilic environment of mine stones
Dev Dutt Patel, University of Rajasthan,India

Title: Dengue virus interactome in human plasma interplays between complex-conserved and serotype-specific interactions and reveals a novel molecular target to develop antiviral drugs against the viral complex
Vivian Huerta Galindo, Center for Genetic Engineering and Biotechnology

Title: Phenotypic and Genotypic antibiotic resistance features of *S. aureus* had isolated from Milk and cheese origin
Shimaa T. Omara, National Research Centre, Egypt

Title: Utilization of hydrocarbons and lignin-like compounds by Alcaligenes sp. isolated from Ilorin alfisol loam
Adetitun, University of Ilorin

Title: Public health implications of objectionable organisms in pharmaceutical products in nigeria, west africa and globally
Dike Prince Vincent, VSR International Ltd Lagos

Title: Environmental impact of microorganisms isolated from soil contaminated with cassava processing plant effluent
John Okechukwu

Title:Plant antimicrobial extract against plant pathogenic microbe
Maka Muradashvili, Institute of Phytopathology and Biodiversity

Title:Protective Microbiota: From localized to long-reaching co-Immunity,
Lynn Chiu, University of Bordeaux, France

Title: Pharyngeal colonization and drug resistance profiles of *morraxella catarrrhalis, streptococcus pneumoniae, staphylococcus aureus*, and haemophilus influenzae among HIV infected children attending art clinic of felegehiwot referral hospital, Ethiopia
Derese Hailu, Bahir Dar University

Title: Inactivation of a proteorhodopsin-like gene in aurantiochytrium by double homologous recombination
Kylen Bao, Stony Brook University, USA

Title: Identifying, developing and moving sustainable communities through application of bioenergy for energy or materials: Future perspective through energy efficiency
Abdeen Mustafa Omer, Energy Research Institute, UK

Title: Antibiotic or a phage? - evaluation of eradication methods of *Salmonella*-derived biofilms under different growth conditions in laboratory environment and potential applications
Katarzyna Kosznik-Kwaśnicka, University of Gdańsk, Poland

Featured Speaker Presentations

Title: Structural basis of interaction between dhhal3p and fungal specific ser/thr phosphatase protein dhppz1p having intrinsically disordered n-terminus from osmotolerant yeast *debaryomyces hansenii*

Srishti Chawla, University of Gothenburg, Sweden

Title: Influence of the gut microbiota on the mucosal antibody response to poliovirus vaccine

Ting Zhao, Institute of Medical Biology, China

Title: Molecular characteristics of antimicrobial resistance and virulence determinants of *Staphylococcus aureus* isolates from clinical infection and food

Kui Luo, Zhengzhou University, China

Title: Characterization and microevolution of type i-f crispr/cas system in group b2 Escherichia coli

Jinzhao Long, Zhengzhou university, China

Title: Bioinformatics analysis of Helicobacter pylori metalloprotease gene

Feiyan yua, Zhengzhou University, China

Title: The resistance mechanism of *Escherichia coli* induced by ampicillin in laboratory

Mengchen Li, Zhengzhou University, China

Title: To explore the relationship between shigella tolerance and hipa and hipb genes mutation and provides a theoretical basis for the solution of bacterial resistance

Qiaoli Liu, Zhengzhou University, China

Title: Trends in antibiotics resistance of *staphylococcus aureus* at a teaching hospital, china, 2011-2016

Tingting Mao, Zhengzhou University, China

Title: Long-noncoding rnas and mrnas expression profiles in rd cells infected by ev71 using rna-seq

Ying Li, Zhengzhou University, China

Title: Bioinformatics technology in clinical and public health microbiology applying computational methods

Hyunjo Kim, Gachon University, South Korea

Title: Direct evidence of viral infection and mitochondrial alterations in the brain of fetuses at high risk for schizophrenia

Segundo Mesa Castillo, Psychiatric Hospital of Havana

Title: Antibiotic resistance and potential role of crispr type mechanisms

Simon Raymond, Scientific Research and an Alumnus of Melbourne University, Australia

Title: Antifungal susceptibility and virulence on murine model of aspergillus fumigatus environmental isolates from a public tertiary hospital in metro manila, philippines

Ferissa B Ablola, University of the Philippines Manila, Philippines

Title: Experimental research of biogas production by using sewage sludge and chicken manure bioloadings with wood biochar additive

Vitalij Kolodynskij, Dainius Paliulis, Vilnius Gediminas Technical University, Lithuania

Title: Evaluating cyanide biodegradation by bacteria isolated from gold mine effluents in bulawayo, zimbabwe

Ngonidzashe Mangoma, National University of Science and Technology

Featured Speaker Presentations

Title: A risk-based approach for sterility testing in a small-scale 68ga radiopharmacy: Evaluation of alternative methods

Olga Muter, University of Latvia

Title: Beta-lactamase producing bacteria in community and hospital setting in riyadh: Occurrence and susceptibility to antibiotics

Lamiaa Abu Zaid, King Fahad Medical City University, Saudi Arabia

Title: Colistin resistant acinetobacter baumanii in a tertiary care hospital of pakistan: A retrospective single center study

Syed Bilal Tanvir College of Dentistry Dar Al Uloom University, Saudi Arabia

Title: Development of eco-friendly and sustainable biostabiliser products for road construction

Veshara Malapermal, University of Kwa-Zulu Natal, South Africa

Title: Candida albicans and non albicans-candida single and dual species formed on catheters

Ouassila Benhabib, Centre Universitaire Ain Temouchent University

Title: Pseudomonas biofilm, swarming motility and biocides resistance

Meliani amina, Mustapha Stambouli University

Title: Isolation and characterization of klebsiella pneumonia bacteriophage

Murad Ishnaiwer, Palestine Polytechnic University

Title: Detection of androgenic-mutagenic compounds and potential autochthonous bacterial communities during in-situ bioremediation of hazardous distillery waste

Ram Chandra, Babasaheb Bhimrao Ambedkar Central University, India

Title: Detoxification of endocrine disrupting chemicals and residual organic pollutants from pulp and paper mill effluent by autochthonous bacteria

Pooja Sharma, Babasaheb Bhimrao Ambedkar Central University, India

Title: Heavy metal accumulation by potential by hyperaccumulator weeds & grasses from endocrine-disrupting chemicals rich complex distillery sludge and their microscopic observations during in-situ phytoremediation

Sonam Tripathi, Babasaheb Bhimrao Ambedkar Central University, India

Title: Infection control management of infectious diseases

Gampa Vijaya Kumar, Osmania University, India

Title: In vivo profiling of microbial reduced graphene oxide nanoparticles for bone tissue engineering applications

Kavitha Kandiah, Periyar University, India

Title: Why our body acts against facts of physics in fever

Yacob Mathai, Marma Heatth Centre, India

Title: Structural insight into the enhanced pollutant-degrading capabilities of engineered biphenyl dioxygenases and wild type phthalate dioxygenase

Pravindra Kumar, Indian Institute of Technology Roorkee University, India

Title: Structure-assisted discovery of antivirals targeting chikungunya virus protease

Shailly Tomar, Indian Institute of Technology Roorkee University, India

Featured Speaker Presentations

Title: Comparison of genexpert, histopathology and radiology for diagnosis of extrapulmonary tuberculosis

Vikas Khillan Department of Clinical Microbiology, Institute of Liver and Biliary Science, India

Title: Combined effect of linolenic acid and tobramycin on pseudomonas aeruginosa biofilm formation and quorum sensing

Warren Chanda, Dalian Medical University

Title: Pharyngeal colonization and drug resistance profiles of morraxella catarrrhalis, streptococcus pneumoniae, staphylococcus aureus, and haemophilus influenzae among HIV infected children attending art clinic of felegehiwot referral hospital, Ethiopia

Derese Chekol, Bahir Dar University

Title: Prevalence, drug susceptibility pattern and associated factors of pulmonary tuberculosis among presumptive tuberculosis adult diabetics patients attending government hospitals of east shewa zone oromiya regional state, eastern centeral ethiopia

Bayissa Bekele Adama Public Health Referral and Research Laboratory Center, Ethiopia

Title: Enterococcus faecalis as nosocomial pathogen

Fatoba Johnson Sunday, University of Benin

Title: The influence of cd4 cells count on bacteriuria among HIV/AIDS individuals

Zenoh Danjuma, Taraba State University Jalingo

Title: Bioconversion of feather wastes to potential feed supplement using keratinase from *bacillus licheniformis*-k51

Wakil sherifah monilola, University of Ibadan

Title: Phylogenetic diversity, antibiogram and plasmid profiling of enterotoxigenic klebsiella variicola and enterobacter species isolated from iko river- Nigeria

Mmuoegbulam, oluchi augusta Department of Microbiology University of Calabar

Title: Impact of resistance genes (I119f-gste2, cyp6p9a and cyp6p9b) mutations on blood meal process of anopheles funestus, major african malaria vector

Lynda Nouage Centre for Research in Infectious Diseases

Title: Human papillomavirus infection in genital women in four regions of senegal

El Hadji Seydou Mbaye, Aristide Le Dantec Hospital

Title: Molecular investigation of Mycobacterium avium subsp. paratuberculosis infection and its associated pathological lesions in small ruminants

Farhan Anwar Khan, The University of Agriculture

Title: Antimicrobial susceptibility pattern of enterobacteriaceae isolated at the french medical institute for mothers and children kabul, Afghanistan

Mohammad Khalil Elaj, French Medical Institute for Mothers and Children

Glimpses of Microbial Interactions Conference

Vienna Attractions