10th International Conference on

Emerging Infectious Diseases

December 02-03, 2019

Barcelona, Spain

SCIENTIFIC PROGRAM
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:30-09:00</td>
<td>Registrations</td>
</tr>
<tr>
<td>09:00-09:30</td>
<td>Introduction</td>
</tr>
<tr>
<td><strong>09:30-09:50</strong></td>
<td>COFFEE BREAK</td>
</tr>
<tr>
<td>09:50-11:50</td>
<td>KEYNOTE LECTURES&lt;br&gt;<strong>MEETING HALL 01</strong>&lt;br&gt;Talks On:&lt;br&gt;- Case Studies of Various Emerging Diseases&lt;br&gt;- Classification of Emerging Diseases&lt;br&gt;- Diagnosis and Prevention&lt;br&gt;- Rare Infectious Diseases</td>
</tr>
<tr>
<td>11:50-13:10</td>
<td><strong>MEETING HALL 01</strong>&lt;br&gt;Talks On:&lt;br&gt;- Infectious Diseases in Children&lt;br&gt;- Maternal Infectious Diseases&lt;br&gt;- Infectious Diseases in Animals</td>
</tr>
<tr>
<td>13:10-13:15</td>
<td>GROUP PHOTO</td>
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<tr>
<td>13:15-14:00</td>
<td>LUNCH BREAK</td>
</tr>
<tr>
<td><strong>14:00-16:00</strong></td>
<td><strong>MEETING HALL 01</strong>&lt;br&gt;Talks On:&lt;br&gt;- Infectious Diseases in Children&lt;br&gt;- Maternal Infectious Diseases&lt;br&gt;- Infectious Diseases in Animals</td>
</tr>
<tr>
<td><strong>16:00-16:20</strong></td>
<td>COFFEE BREAK</td>
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<tr>
<td><strong>16:00-17:00</strong></td>
<td><strong>MEETING HALL 01</strong>&lt;br&gt;Young Researchers in Emerging Diseases</td>
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<tr>
<td>Time</td>
<td>Session</td>
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<tr>
<td>09:00-10:30</td>
<td>KEYNOTE LECTURES</td>
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<tr>
<td>10:30-10:50</td>
<td>COFFEE BREAK</td>
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<tr>
<td>10:50-12:50</td>
<td>Talks On:</td>
</tr>
<tr>
<td></td>
<td>Gastrointestinal Infections</td>
</tr>
<tr>
<td></td>
<td>Dermatological Infectious Diseases</td>
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<tr>
<td></td>
<td>Zoonotic Ailments</td>
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<tr>
<td>12:50-13:35</td>
<td>LUNCH BREAK</td>
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<tr>
<td>13:35-15:55</td>
<td>Talks On:</td>
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<tr>
<td></td>
<td>Air borne, Vector borne and Food borne Infections</td>
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<td>Antimicrobial Agents</td>
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<td></td>
<td>Current Research and Advancements</td>
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<tr>
<td></td>
<td>Plant Pathology and Disease Control</td>
</tr>
<tr>
<td>15:55-16:15</td>
<td>COFFEE BREAK</td>
</tr>
<tr>
<td>16:15-17:00</td>
<td>Poster Presentations</td>
</tr>
</tbody>
</table>

https://emerging-diseases.infectiousconferences.com/
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University Medical Center Utrecht, Netherlands

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*Dr. Sameer’s Internal Medicine Clinic Qatar*

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*Armed Forces Research Institute of Medical Sciences Thailand*
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Sirigade Ruekit
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Zinat Mohebbi
Shiraz University of Medical Science Iran

Fiaz Ahmad
Hahnemann College of Homeopathy UK

Fatma Amer
Zagazig University Egypt

Thierry Troussier
Head of UNESCO Chair Sexual Health & Human Rights, Paris Diderot University France

Sharwani Vijayshree Lal
Dr. Ram Manohar Lohia Hospital India

Anthony Wovisike Umetor
University of South Africa South Africa

Lisa Becherer
University of Freiburg Germany

Sarfraz Khan
Quaid-i-Azam University Pakistan

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Glance of Emerging Diseases Conferences

https://emerging-diseases.infectiousconferences.com/
Barcelona Attractions

- Casa Batllo
- Barrio Gotico
- Camp Nou Stadium
- Park Guell
- Montjuïc Castle
- Picasso Museum
- Tibidabo
- Las Sagrada Familia
- La Barceloneta
9th International Conference on
Emerging Infectious Diseases
&
6th World Congress on
Control and Prevention of HIV/
AIDS, STDs & STIs

August 27-28, 2018 | Zurich, Switzerland
DAY-1
August 27, 2018
Meeting Hall: Brussels

Opening Ceremony

KEYNOTE FORUM

Introduction
**Title:** Emerging antibiotic resistance: A threat to modern medicine  
Reza Nassiri, Michigan State University, USA

**Title:** Why it is important to integrate the SDGs in a sexual and reproductive health education to improve the HIV and STIs results and to achieve the SDGs?  
Thierry Troussier, Head of UNESCO Chair Sexual Health & Human Rights, Paris Diderot University, France

GROUP PHOTO

**Title:** Zika virus tissue sampling protocol's purpose defined through algorithm in anatomic pathology for trainees  
Kristine McCluskey, Baylor College of Medicine Texas, USA

**Title:** Profile of opportunistic infections in patients with HIV/AIDS started on ART & its correlation with CD4 cell counts  
Sharwani Vijayshree Lal, Dr. Ram Manohar Lohia Hospital, India

**Title:** Characterization of hendra virus V protein interactions with human nuclear transport receptors reveals opportunities to target hendra virus infection  
Natalie Borg, Monash University, Australia

**Title:** Molecular indices of viral disease development applied to discover emerging disease etiology  
Kristina M. Miller, Fisheries and Oceans, Canada

Sessions: Recent Emerging Diseases | Sexually Transmitted Infectious Diseases | Pediatric Infectious Diseases | Diagnostic Tools

**Chair:** Reza Nassiri, Michigan State University, USA  
**Co-Chair:** Qingzhong Kong, Case Western Reserve University, USA

**Title:** Zoonotic risk of chronic wasting disease prions in cervids: From animal models to human studies  
Qingzhong Kong, Case Western Reserve University, USA

**Title:** Aeromonas a neglected emerging old microbe that keeps on producing life threatening infections  
Ana Fernandez Bravo, University Rovira i Virgili, Spain

Sessions: Vector Borne Infections | Microbial Genomics | Host and Microbial Genetics | HIV/AIDS | Diagnostic Tools for Immunological and Virological Monitoring of HIV Infection
Chair: Shih-Yen Chen, Taipei Medical University, Shuang Ho Hospital, Taiwan
Co-Chair: Dibyendu Banerjee, Calcutta National Medical College, India

Title: Evolution of super-drug resistant microbial strains: Mechanisms and strategies for containment
Sheikh Ajaz Rasool, Jinnah University for Women, Pakistan

Title: Simultaneous detection of HIV and HTLV by mediator displacement loop-mediated isothermal amplification
Lisa Becherer, University of Freiburg, Germany

Title: A rare case of zidovudine induced lactic acidosis with pancreatitis and myopathy
Sharwani Vijayshree Lal, Dr. Ram Manohar Lohia Hospital, India

Title: Clinical characteristics and viral shedding of children with norovirus gastroenteritis
Shih-Yen Chen, Taipei Medical University, Shuang Ho Hospital, Taiwan

Networking & Refreshment

Title: Acinetobacter to target organ: Is biofilm the missing link?
Dibyendu Banerjee, Calcutta National Medical College, India

Title: Treatment outcomes and their association with type of resistance among drug resistant tuberculosis patients during 2014-2015 in Punjab, Pakistan: A retrospective cohort analysis
Usman Lodhi, Provincial Tuberculosis Control Program, Pakistan

Title: Unravelling the common etiology of related, but pathologically divergent diseases
Kristina M. Miller, Fisheries and Oceans, Canada

WORKSHOP

Title: Therapeutic use of Guazulma ulmifolia lam extract of Northern Brazil
Paulo Antonio Rodrigues Gouveia, Mutamba MGU, Brazil

Title: Challenges faced by healthcare providers in providing services to key population at risks of HIV in Ethiopia
Nebiyu Lera Alaro, Texila American University Guyana, Kenya

DAY-2

August 28, 2018
Meeting Hall: Brussels

09:25-09:30 Introduction

KEYNOTE FORUM

Title: Public health risks of animal prions
Qingzhong Kong, Case Western Reserve University, USA
Title: Studies on application of bacteriophages in diagnosis, therapy and prophylaxis of brucellosis and pasteurellosis in animals
Hari Mohan Saxena, Guru Angad Dev Veterinary and Animal Sciences University, India

WORKSHOP

Title: EFdA: A very excellent anti-HIV modified nucleosides - from design to the current results of clinical trials
Hiroshi Ohrui, Yokohama University of Pharmacy, Japan

Sessions: Modern and Unique Diagnostics | Veterinary Infectious Diseases | Advancements in Vaccines and Therapeutics | HIV/AIDS

Chair: Thierry Troussier, Head of UNESCO Chair Sexual Health & Human Rights Paris Diderot University, France
Co-Chair: Hiroshi Ohrui, Yokohama University of Pharmacy, Japan

Title: The effectiveness of a covert observational study in improving the hand hygiene compliance
Eunwoo Yoo, Sheikh Khalifa Specialty Hospital, UAE

Title: Dengue fever serology in febrile patient in Southeast Iran
Naser Shahabinejad, Kerman University of Medical Sciences, Iran

Title: Treatment of an emerging disease using a new lotion (Oronsfranklo) ®
Francis Oronsaye, Science University of Benin, Nigeria

Title: Tuberculosis in marine mammals: Is it an emerging disease?
Juan Pablo Loureiro, National University of La Plata, Argentina

Lunch Break

Sessions: Modern and Unique Diagnostics | Veterinary Infectious Diseases | Advancements in Vaccines and Therapeutics | HIV/AIDS

Chair: Thierry Troussier, Head of UNESCO Chair Sexual Health & Human Rights Paris Diderot University, France
Co-Chair: Hiroshi Ohrui, Yokohama University of Pharmacy, Japan

Title: Surgical correction of ventral abdominal hernia in pigeon- 3
Ferdoshe Akter, Ministry of Fisheries and Livestock, Bangladesh

Title: Severe recurrent Vulvovaginal candidiasis caused by mixed Candida species
Mohammad Effat, National Research Centre, Egypt

Title: Molecular study of Cryptosporidium spp. from rat and mice
Saroj Yadav, Chittagong Veterinary and Animals Science University, Bangladesh

Title: The church and Traditional Birth Attendants (TBAs) as twin pathways to delayed HIV testing of pregnant women in rural Nigeria
Anthony Wovisike Umetor, University of South Africa, South Africa

Title: Living with, living apart: Stigmatization of HIV/AIDS patients in Pakistan
Sarfraz Khan, Quaid-i-Azam University, Pakistan

Networking & Refreshment

Title: Health related quality of life and associated factors among women on anti-retroviral therapy in health facilities of Jimma Town, Southwest Ethiopia: Across-sectional study
Yetnayet Abebe, Jimma University, Ethiopia

Title: Surgical site infections of clean-contaminated wounds of operated patients in surgical ward, Iran
Zinat Mohebbi, Shiraz University of Medical Sciences, Iran
**POSTER PRESENTATIONS**

**SEID 01**

**Title:** Knowledge, attitude & practice relating to lassa fever among shop owners in 4 community markets in a military barrack in Kaduna state, Nigeria  
**Elsie Uduak Onwunhafua**, Nigerian Defence Academy, Nigeria

**SEID 02**

**Title:** A case of bacteremic cholangitis due to *Raoultella planticola* infection complicating intrahepatic bile duct stricture 5 years post laparoscopic cholecystectomy  
**David Blihar**, Saint George University, Grenada

**SEID 03**

**Title:** Surgical site infection in the world and in Iran: Causes and outcomes  
**Zinat Mohebbi**, Shiraz University of Medical Sciences, Iran

**SEID 04**

**Title:** Genetic characterization and epidemiology of multidrug-resistant gram-negative ESKAPE pathogens, including extremely drug-resistant strains at a Naval hospital in Thailand  
**Apichai Srijan**, Armed Forces Research Institute of Medical Sciences, Thailand

**SEID 05**

**Title:** Prevalence and molecular characterization of multidrug-resistant ESKAPE pathogens isolated from patients at a Naval hospital in Thailand: 2016-2018  
**Sirigade Ruekit**, Armed Forces Research Institute of Medical Sciences, Thailand

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**Awards & Closing Ceremony**

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**Bookmark your Dates**

**10th International Conference on Emerging Infectious Diseases**

**December 02-03, 2019 | Barcelona, Spain**

*E: emergingdiseases@infectiousconferences.com  Website: emerging-diseases.infectiousconferences.com*

**7th World Congress on Control and Prevention of HIV/AIDS, STDs & STIs**

**July 01-02, 2019 | Valencia, Spain**

*E: std@infectiousconferences.com  Website: globalhiv-aids-std.infectiousconferences.com*
Day 1  March 1, 2018

Registrations

Meeting Room: Bismarck

Keynote Forum

Introduction
Development of a chlamydial vaccine for koalas: Protection against infection as well as disease
Peter Timms, University of the Sunshine Coast, Australia

Tuberculosis risk is spread within the hallmarks of the disease
Zlatko Dembic, University of Oslo, Norway

Networking and Refreshments Break

Sessions @ Bismarck: Host and Pathogen Interactions | Infection Pathogen Biology | Infection Prevention & Control | Healthcare Infectious Diseases | Epidemiology - Infectious Diseases
Session Chair: Peter Timms, University of the Sunshine Coast, Australia
Session Co-Chair: Zlatko Dembic, Norway

Session Introduction

Title: Knowing to design: Costs of and benefits from nosocomial infections for hospitals
Jean-Pierre Marissal, Catholic University of Lille Faculté de Gestion, France

Title: Bovine spongiform encephalopathy (mad cow disease) is probably caused by Bovine spongiform encephalopathy (mad cow disease) is probably caused by Acinetobacter bacteria and not by prions
Alan Ebringer, King’s College London, UK

Title: Consequences of H. pylori infection and its VacA cytotoxin on mitochondria and mitochondrial DNA: Impact on gastric pathogenesis
Eliette Touati, Institut Pasteur, France

Title: State of the art antimicrobial stewardship in immunocompromized hosts
Alla Paskovatya, Memorial Sloan Ketterning Cancer Center, USA

Title: Pharmacoproteomics of Aspergillus fumigatus for identification of novel molecular targets having application immunodiagnosis and therapy
Rambir Singh, Bundelkhand University, India

Group Photo @ Bismarck

Lunch Break

Title: Knowledge and practices concerning multi-drug resistance tuberculosis among health workers and TB patients in Enugu, South-East, Nigeria
Omotowo Babatunde, University of Nigeria, Nigeria

Title: The EU public health impact of Campylobacter spp. human infection and the EU control strategy in the poultry meat sector
Adyemi A Abati, University Teaching Hospital, Nigeria

Title: Epidemiological studies on tuberculosis and ethnopharmacological methods of its control among tribals of Anuppur district, Madhya Pradesh, India
Poonam Sharma, Indira Gandhi National Tribal University, India

Seth Omari Mensah, Kharkov national Medical University, Ukraine

Panel Discussion

Coffee Break

Day 2  March 02, 2018

Meeting Room: Bismarck

Keynote Forum
**Global impact of antibiotic resistance**

**Reza Nassiri**, Michigan State University, USA

**Sessions @ Bismarck: Infection and Immune System | Microbes and Infections | Infection Pathogen Biology | Infection Prevention & Control | Healthcare Infectious Diseases | Vector Borne Infectious Diseases | Microbes and Infections**

**Session Chair: Zlatko Dembic, University of Oslo, Norway**

**Session Introduction**

**Title: Can herbal treatment be better than the leading drugs? A comparison of Gene-Eden-VIR/Novirin, acyclovir and valacyclovir in oral herpes**

**Hanan Polansky**, The Center for the Biology of Chronic Disease (CBCD), USA

**Title: Study of *Neisseria gonorrhoeae* strain antibiotic sensitivity profiles (collected in Yaoundé from 2009 to 2014) and determination of reference laboratory (Centre Pasteur, Cameroun) role in the surveillance of bacterial resistance to antibiotics.**

**Tayimetha Carolle Yanique**, Catholic University of Central Africa, Cameroon.

**Title: Patient support group in MDR-TB treatment: a study at Moewardi Hospital Surakarta Central Java, Indonesia**

**Cri Sajjana Prajna Wekadigunawan**, Sebelas Maret University, Indonesia

**Networking and Refreshments Break**

**Panel Discussion**

**Lunch Break**

**Poster Presentation @ Meeting Rooms**

**ICID-01**

**Title: Clinical characteristics and therapeutic outcomes of postneurosurgical bacterial meningitis in elderly patients over 65: A hospital-based study**

**Lee Jun Jun**, Kaohsiung Chung Gung Memorial Hospital, Taiwan

**ICID-02**

**Title: Atypical clinical presentation in a young, healthy women with pyogenic spondylodiscitis: Case report**

**Hsieh Yuan Kuei**, Yuan’s General Hospital, Taiwan

**ICID-03**

**Title: P. vivax malaria presenting as peripheral circulatory failure and impending gangrene – A rare cause and presentation of DIC**

**Vineet Jain**, Hamdard Medical College, India

**ICID-04**

**Title: Prevention and control for a carcinogenic liver fluke in rural communities of Thailand through inter-and trans-disciplinary university**

**Soraya Kaewpitoon**, Suranaree University of Technology, Thailand

**ICID-05**

**Title: Proof-of-concept study to determine the feasibility of measuring bacterial load in exhaled breath of children with pneumonia and empyema using a novel point-of-care test**

**Gladys Makuta**, Cardiff University, United Kingdom

**ICID-06**

**Title: Medical students’ knowledge and professional practice for prevention of nosocomial infections**

**Arash Heidari**, Tehran university of medical science, Iran

**ICID-07**

**Title: Healing touch on death rate and physiological criteria of premature infant with sepsis**

**Manijeh Nourian**, Shahid Beheshti university of Medical Science, Iran

**ICID-08**

**Title: Group A *Streptococcus bacteraemia* experience at king fahad medical city in Riyadh**

**Fawzyh J. Al-Khadidi**, King Fahad Medical City, Saudi Arabia

**ICID-09**

**Title: Magnesium in tetanus: A systematic review of the literature 1980-2017**

**Catherine Hsu**, University of Cambridge, United Kingdom

**ICID-10**

**Title: The influence of mucus on *Streptococcus pneumoniae* and how this impacts bacterial colonisation of the human nasopharynx**

**Jack Vojak**, Liverpool School of Tropical Medicine, United Kingdom
Title: Antimicrobial Stewardship Program (ASP) eliminates *Clostridium difficile* infections in an oncology hospital
Trisha Patel, Eastern Regional Medical Center Cancer Treatment Centers of America, USA

Title: *Vector-borne diseases and public health: 1986-2010*
Sundus Ahmed, St George’s University, Grenada

Title: “Toxic-shock syndrome of *Streptococcus Pyogenes* (Group A Streptococcus) in Pregnancy – A rare entity”
Nuryuziliana Dolmat, Tawau General Hospital, Malaysia

Title: Soil transmitted helminthiasis and associated risk factors among elementary school children in Ambo town, Western Ethiopia
Fikreslasie Samuel, Ethiopian Public Health Institute, Ethiopia

Title: Review of the screening and treatment of CMV retinitis in HIV patients
Han Naung Tun, Hlaing Siloam Hospital, Myanmar

Panel Discussion
Awards & Closing Ceremony
6th Euro-Global Conference on

INFECTIONOUS DISEASES

September 07-09, 2017 Paris, France
Day 1  September 7, 2017

Registrations

Sunset -2

Keynote Forum

Introduction
Global Control of HIV, HCV and Infectious Diseases-India is not a problem, but a solution
Ishwar Gilada, Unison Medicare and Research Centre, India

Networking and Refreshments Break

Comparison of efflux pumps expression in ciprofloxacin-resistant Pseudomonas aeruginosa clinical and environmental strains from Algeria and France
Catherine Mullié, University of Amiens, France

Sessions: Viral Infectious Diseases | Bacterial Susceptibility & Resistance | Vaccines | Microbiology and Infectious Diseases | Emerging Infectious Diseases
Session Chair: Catherine Mullié, University of Lille, France

Session Introduction

Title: Development of five hyper-humanized antibodies neutralizing the Botulinum neurotoxins A, B and E The European AntiBotABE project
Arnaud Avril, Institut de Recherche Biomédicale des Armées (IRBA), France

Title: Phytotherapy from Mentha piperita L. modulates infection during experimental schistosomiasis
Fernanda de Freitas Anibal, University of Sao Paulo, Brazil

Group photo & Lunch Break

Title: Molecular microbiology as a modern platform for rapid, specific, sensitive and unlimited detection of pathogenic microorganisms
Tereza Jancuskova, KitGen, Czech Republic

Title: Biocontrol of emerging foodborne bacterial pathogens by bacteriophages
Naim Deniz Ayaz, Kirikkale University, Turkey

Title: Mediterranean spotted fever in children of the karak province in South Jordan
Omar Nafi, Mutah university, Jordan

YRF: HIV care continuum outcomes: Does Ethiopia meet the UNAIDS 90-90-90 targets?
Hailay Gesesew, Flinders University, Australia

Title: Seroprevalence of HIV, Hepatitis B and C viruses among antenatal clinic attendees of Secondary Healthcare facilities in Akoko area of Ondo State, Nigeria
Festus. A OlaJubu, Adekunle Ajasin University, Nigeria

Networking and Refreshments Break

Day 2  September 8, 2017

Sunset -2

Keynote Forum

Title: Clinical Impact of Parvovirus B19: Pioneer work from India projecting b19 as multi-organ disease afflicter
Janak Kishore, Sanjay Gandhi Post-graduate Institute of Medical Sciences, India

Sessions: Infectious Agents and the Human Immune Response | Molecular Diagnostics of Infectious Diseases | Bacterial Infectious Diseases | Infectious Disease Epidemiology | Nocosomal Infections
Session Chair: Philip Norrie, Universities of New South Wales, Australia
Session Chair: Janak Kishore, Sanjay Gandhi Postgraduate Institute of Medical Sciences, India
Session Introduction

Title: The anti-HIV candidate abx464 dampens intestinal inflammation by triggering IL22 production in activated macrophages
Jamal Tazi, University of Montpellier, France

Networking and Refreshments Break

YRF: Role of in vivo expressed gene candidates for development of molecular and immunological assays to diagnose pulmonary tuberculosis
Sumedha Sharma, PGIMER, India

YRF: Transcriptional signatures of Mycobacterium tuberculosis in mouse model of experimental intraocular tuberculosis
Sudhanshu Abhishek, PGIMER, India

YRF: Global gene expression in Escherichia coli, isolated from the diseased ocular surface of the human eye with a potential to form biofilm
Ranjith Konduri, LV Prasad Eye Institute, India

Lunch Break

Title: Genetic analysis of Crimean Congo haemorrhagic fever virus in Iran
Nariman SHAHHOSSEINI, Bernhard Nocht Institute for Tropical Medicine, WHO, Germany

Workshop

Title: A history of infectious disease in ancient times – More lethal than war—an alternative medical history perspective of ancient history
Philip Norrie, Universities of New South Wales, Australia

Title: Prevalence of pathogenic bacteria in open and surgical wounds of patients attending hospitals in Buea Municipality
Nde Godlove Tsi, University of Buea, Cameroon

Title: Targeting RNA binding proteins: A versatile platform for the discovery and development of new antivirals
Jamal Tazi, University of Montpellier, France

Networking and Refreshments Break

Poster Presentations

Poster Judge: Huseyin Kayadibi, Hittit University School of Medicine, Turkey

EID-01 Title: Prevalence, antimicrobial resistance and risk factors of salmonella diarrheal infection among children in thi-qar province, Iraq
Ali Harb, Murdoch University, Australia

EID-02 Title: Chitosan and silver nanoparticles: promising antitoxoplasma agents
Maha Gaafar, Alexandria University, Egypt

EID-03 Title: Incidence of diabetes mellitus-related comorbidities among patients attending two major HIV clinics in Botswana: a 12-year retrospective cohort study
Jose Gaby Tshikuka, University of Botswana, Botswana

EID-04 Title: Expression of Beclin-1, Bcl-2, Bcl-xL, Bad, and Bax in HCV Patients in relation to grade of hepatic fibrosis
Tarek K. Motawi, Cairo University, Egypt

EID-05 Title: Molecular characterization of extended spectrum beta-lactamases producing Enterobacteriaceae causing lower urinary tract infection in pediatric population
Eltai N Omer, Qatar University, Qatar

EID-06 Title: Frequency of rrs and rpsL mutations in streptomycin-resistant isolates of Mycobacterium tuberculosis from Iranian patients
Azar Dokht Khoravi, Ahvaz Jundishapur University of Medical Sciences, Iran

Day 3 September 9, 2017

Sunset -2

Keynote Forum
### Clinical significance of the indirect biochemical markers for detecting liver fibrosis in adult patients with chronic HCV infection

Huseyin Kayadibi, Hitit University School of Medicine, Turkey

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**Networking and Refreshments Break**

**Sessions: Parasitic Diseases | Vaccines**

**Session Chair: Huseyin Kayadibi, Hitit University School of Medicine, Turkey**

#### YRF: Comparison of screening method and cohort design to estimate pertussis vaccine effectiveness in Denmark, 2000-2014

Lara Ricotta, Statens Serum Institut, Copenhagen, Denmark

**Title: Benchmarking of healthcare-associated infections in Gulf Cooperation Council (GCC) states**

Aiman El-Saed, Gulf Cooperation Council (GCC), Saudi Arabia

**Title: Sero characterization of Plasmodium species in Limu Kossa District of Jimma Zone, Western Ethiopia**

Sindew Mekasha Feleke, Ethiopian Public Health Institute (EPHI), Ethiopia

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**Lunch Break**

**Award Ceremony**

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**Bookmark your dates**

7th Euro-Global Conference on Infectious Diseases

September 27-29, 2018 | Rome, Italy

E-mail: europe@infectiousconferences.com
Website: infection.conferenceseries.com/europe
Title: Nitisinone in the treatment of Alkaptonuria

Olatunde, O.A
Dalhousie University, Canada

**Introduction:** Health is the pulse of a city’s well-being and the most important asset of any city is the health of its citizens. Today, 130 million more people are said to reside in urban slums. **Aim:** This paper contends that unhealthy communities of slum dwellers predispose them to diseases and ill-health. Slum residents’ exposure to vector-borne diseases in their communities is a precursor to poor quality of life. The paper utilizes the ecological perspective as a theoretical approach that emphasizes the interaction between and interdependence of factors within and across all levels of a health problem; and highlights people’s interactions with their physical and socio-cultural environments. **Methods:** Using an observational research methodology, authors obtained information of the health of the slum residents’ of Oko Oba. Secondary data was obtained from existing literature in books, journal articles and reports. **Results:** It was observed that the major latrine was an open area close to the lagoon which also serves as the garbage dump. **Conclusion:** Slums constitute breeding grounds for diseases and eradication of this type of community might not be feasible.

Title: The disturbed inflammatory homeostasis by chronic HIV infection in AIDS patients primes lethal sepsis upon subsequent infection

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Although the combined antiretroviral therapy significantly improved the clinical outcomes of HIV/AIDS patients, the severe inflammatory sepsis developed from the next infection became the leading cause of HIV/AIDS-related death. This is resulted from the inflammatory priming of chronic HIV infection, which is characterized by the glucose transporter 1 (GLUT1) over-expression, hyperactivity of glycolysis in innate immune cells and constant pro-inflammatory status. The underlying knowledge how the immunometabolic change during HIV infection primes severe inflammatory sepsis is incomplete. We report here that the imbalance of pro- and anti-inflammatory signaling is responsible for the priming of AIDS-related sepsis. Upon activation of TLR4 receptor by bacterial endotoxin,

Title: Epidemiological profile of imported malaria in Morocco between 2011 and 2016

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Ministry of health of Morocco, Morocco

**Background:** Malaria remains a major public health problem and a real threat to global health. According to WHO, in 2015, there was an estimate of 212 million malaria cases with 429,000 deaths worldwide. **Methods:** A retrospective descriptive study was conducted on reported cases from the surveillance system of parasitic diseases at the Directorate of Epidemiology and Disease Control between 2011 and 2016. Frequencies and proportions were calculated on socio-demographics data and trends. **Results:** Our records showed a total of 2422 imported malaria cases including 26 deaths. The 3-year moving average reveals a slight constant trend increase (2%). Imported malaria was predominant among Moroccans (82.3%) than foreigners (17.7%). Males were over represented with a sex ratio of 12.2:1. The disease was reported by both civilian and military sectors (56% versus 44%).
SPEAKER SLOTS AVAILABLE

**Title:** Emerging Infections - A Never Ending Threat

*Faryal Khamis*
Royal Hospital, Oman

**Introduction:** Historical information, microbial sequencing and phylogenetic constructions make it clear that infectious diseases have been emerging and reemerging over millennia and those emergences are driven by numerous factors. **Findings:** Notably, 60 to 80 percent of new human infections likely originated in animals. Most other emerging/reemerging diseases result from human-adapted infectious agents that genetically acquire heightened transmission and/or pathogenic characteristics such as multidrug-resistant and extensively drug-resistant (MDR and XDR) tuberculosis. **Conclusion:** Many of these emerging/reemerging infections whether or not proceed to outbreaks, attract global attention and require significant international effort to monitor and contain. Microbial advantages can be met and overcome only by aggressive vigilance, ongoing dedicated research, and rapid development and deployment of such countermeasures as surveillance tools, diagnostics, drugs, and vaccines.

**Title:** Emergence of Elizabethkingia meningoseptica and Ralstonia picketti in Critically Ill Patients – innocent bystanders or potential threat?

*Marian Dimabuyu St.*
Luke’s Medical Center, Philippines

*Elizabethkingia meningoseptica* and *Ralstonia picketti* are both gram-negative bacilli of relatively low virulence that is ubiquitously found in hospital environments and as such, they have been associated with various nosocomial infections. Immunocompromised individuals are particularly at increased risk for developing severe infections and associated with high mortality rates partly due to multidrug resistance. We described here 2 cases of *E. meningoseptica* bacteremia and 2 cases of hospital acquired pneumonia with *R. picketti* showing resistance to multiple antibiotics, ensuing treatment and investigation in our institution. Over a period of 4 months, two critically ill patients were positive for *E. meningoseptica* from blood cultures. Isolates were identified using rpoB sequence cluster analysis.

**Title:** Enterovirus D-68 in Cuban patients with Acute Respiratory Tract infections.

*Mayra Muné*
Institute of Tropical of Medicine, Cuba

The aim of the present investigation was to study the prevalence of Enterovirus D-68 in clinical samples received at the National Reference Laboratory of Influenza and other Respiratory Virus in order to obtain a better understanding of the role of Enterovirus D-68 in patients with Severe Acute Respiratory Infection (SARI) We studied 11129 clinical samples (nasopharyngeal swaps, bronquial aspirate and lung tissue from necropsy) Molecular diagnosis of enterovirus respiratory virus was performed using Multiplex Real time PCRs (Coiras et al; 2004). RNA was extracted from clinical specimens by using the QIAamp Viral RNA Mini Kit (Qiagen) according to the manufacturer’s instructions, then Multiplex Real time- PCRs assay was used for the detection of enterovirus viral RNA using primers and probes that amplified a VP1-VP2 proteins previously reported (Brittain-Long et al., 2008).
Title: Causes of admission and outcome of HIV patients in Kuth

Background: HIV is one of the major problems worldwide in health system and this shown by the huge number of HIV infected people. 

Objective: The objective of this study was to identify the causes of admissions and outcome of HIV patients among patient admitted in Internal medicine department of (KUTH) Kigali University Teaching Hospital over a one-year period from January 2015 to December 2015.

Methods: A retrospective study with quantitative strategy of data analysis, HIV cases were identified from the admission register of medical wards of Internal medicine department of KUTH

Results: There were 153 patients: 101 males and 52 females. Where the youngest was 17 and the oldest was 84 years with a median age is 40.

Conclusion: This study showed that HIV patients were admitted in KUTH primarily due to HIV related diseases and they were associated with a high mortality.

Turatsinze Marcel
University of Rwanda, Rwanda

Title: Incidence of Multidrug-Resistant Organism Among Children Admitted to Pediatric Intensive Care Unit in a Developing Country

Aim: Multidrug-resistant infections are an increasingly common condition particularly in critical care units. This study aimed to determine the incidence and types of resistant bacteria acquired in a pediatric intensive care unit (PICU) of a university hospital.

Methods: A prospective study was conducted during the year 2016. All children aged below 16 years were studied for infection development and pattern of susceptibility to various groups of antibiotics.

Results: A total of 264 patients were admitted to the PICU: 16 patients had community-acquired infection (CAI), 23 had hospital-acquired infection, and 24 patients had PICU-acquired infection (with 36 episodes)

Conclusion: The incidence of resistant bacteria especially gram-negative pathogens was very high in the PICU. The top three resistant organisms of concern were Klebsiella, Acinetobacter, and Pseudomonas.

Manal Abdel Malik Antonios
Alexandria University, Egypt

Title: Neglected tropical disease and response at community level: The situation of Ethiopia

Abstract: Since the launch of the federal Neglected Tropical Disease (NTD) Master Plan in 2013, significant achievements have been made in putting in place structures at the Federal Ministry of Health (FMOH) to coordinate NTD programming. Disease mapping has been completed for lymphatic filariasis and almost completed for trachoma, soil transmitted helminthiasis, schistosomiasis, and onchocerciasis. Some districts remain unmapped for onchocerciasis in hypo-endemic areas. Mass drug administration (MDA) and community mobilization has been introduced in 600 districts. In some districts MDA has been stopped for trachoma or Onchocerciasis as the prevalence reduced below the minimum threshold level. The intervention is seeking to establish closer collaboration with WASH sector in order to sustain the achievement.

Birhan Mengistu
Ministry of Health, Ethiopia
Abstract: Mathematical models become important and popular tools to understand the dynamics of the disease and give an insight to reduce the impact of malaria burden within the community. Thus, this paper aims to apply a mathematical model to study global stability of malaria transmission dynamics model with logistic growth. Analysis of the model applies scaling and sensitivity analysis and sensitivity analysis of the model applied to understand the important parameters in transmission and prevalence of malaria disease. We derive the equilibrium points of the model and investigated their stabilities. The results of our analysis have shown that if $R_0 \leq 1$, then the disease-free equilibrium is globally asymptotically stable, and the disease dies out; if $R_0 > 1$, then the unique endemic equilibrium point is globally asymptotically stable and the disease persists within the population.

Malaria and salmonella infections are endemic especially in developing countries; however malaria and salmonella co-infection is a rare entity with high mortality. An association between malaria and typhoid fever was first described in 1862 in North America as an entity called typho-malaria fever (Smith, 1982). A study was carried out on patients clinically diagnosed of malaria and typhoid at Otto Ijanikin health center, Lagos State, Nigeria to verify the degree of relationship between malaria and typhoid fever. A total number of 200 patients were sampled. Widal kit and Rapid diagnostic were used for typhoid and malaria diagnoses respectively. Plasmodium falciparum was the only parasite used to indicate the presence of malaria in the patients. The study indicated that out of 200 patients, 50 (25%) were positive for malaria of which 16 (32%) were male while 34 (68%) were female.

Since 2013, highly pathogenic avian influenza (HPAI) H5N6 viruses have emerged in poultry and caused sporadic infections in humans in Asia, especially Southeast Asia. These viruses have spread rapidly via migratory wild waterbirds and have evolved through reassortment with prevailing local low pathogenicity AI viruses (AIVs). We aimed to investigate the present of H5 viruses in wild waterbirds and the risks of viral transmission between wild waterbirds and domestic ducks in Vietnam. Samples were tested through real-time RT-PCR and sequencing to detect and characterize AIVs. Among 955 pairs of oral-pharyngeal and cloacal swab samples from hunter-harvested birds, free-ranging, backyards and live market ducks, 56 (5.9%) were positive for M gene of type A influenza virus, including 7 (0.7%) H5N6 AIVs. These H5N6 AIV isolates were from healthy appearing heron (n=1) and waterfowl (n=6) and possess the basic amino acid motif at the HA1-HA2 cleavage site.
Title: Effect of Sub Lethal Doses of Thiamethoxam (A Pesticide) on Hemato-Biochemical Values in Cockerels

Carina Schey
University of Groningen, The Netherlands

The objective of the current study was to find out the toxic effects of sub lethal doses of thiamethoxam on adult poultry birds. For this purpose, a total of 40 cockerels having an age of about 14 weeks were procured from local market and divided into five equal groups. Birds were kept in wire cages under standard management conditions. Birds were given Thiamethoxam @ 250, 500, 750 and 1000mg/kg BW to group A, B, C and D, respectively. Group E served as a control. Blood and serum samples were collected at 15 th and 30 th day of experiment and analyzed for the various hematological (TEC, TLC, Hb and PCV) and biochemical parameters (total proteins, albumin, globulin, creatinine, blood urea, ALT and AST). The data thus collected were subjected to ANOVA through M-Stat software. Results thus obtained indicated that the sub lethal doses of thiamethoxam reduced significantly (P<0.05)

Title: The effect of amantadine on an ion channel protein from Chikungunya virus

Debajit Dey
Indian Institute of Technology Delhi, India

Viroporins like influenza A virus M2, hepatitis C virus p7, HIV-1 Vpu and picornavirus 2B associate with host membranes, and create hydrophilic corridors, which are critical for viral entry, replication and egress. The 6K proteins from alphaviruses are conjectured to be viroporins, essential during egress of progeny viruses from host membranes, although the analogue in Chikungunya Virus (CHIKV) remains relatively uncharacterized. Using a combination of electrophysiology, confocal and electron microscopy, and molecular dynamics simulations we show for the first time that CHIKV 6K is an ion channel forming protein that primarily associates with endoplasmic reticulum (ER) membranes. The ion channel activity of 6K can be inhibited by amantadine, an antiviral developed against the M2 protein of Influenza A virus; and CHIKV infection of cultured cells can be effectively inhibited in presence of this drug

Title: A matched case-control study to asses the association of chikungunya severity among blood groups and other determinants in Tesseneiy, Gash Barka Zone, Eritrea

Samsom Mehari Giliu
Eritrea

Objectives: A total of 1074 suspected chikungunya cases were reported in Tesseneiy Province, Gash Barka region, Eritrea during an outbreak. Methods: A sex-matched and age-matched case-control study was conducted during the outbreak. For each case, one control subject had been selected from the mild Chikungunya cases. Along the same line of argument, a second control subject had also been designated through which neighborhood of cases were analyzed, scrutinized and appeared to scheme of comparison. Time is always the most sacrosanct element in pursuance of any study. Results: In this outbreak, 137 severe suspected chikungunya cases and 137 mild chikungunya suspected patients and 137 controls free of chikungunya from the neighborhood of cases were analyzed. Non-O individuals compared to those with O blood group indicated as significant with p value of 0.002.
**Title: Impact on Mini Leprosy Elimination campaign (MLEC) in Rupandehi District Nepal**

Raj Kumar Paudel  
Nepal

**Background:** In Nepal 1,80,000 cases treated with MDT since 1982, about > 30,000 cases leprosy related disability and around 3000 new cases every year diagnose.  
**Methodology:** More than 51 percent population 520947 from 10 palikas covered out of 16 palikas in Rupandehi. Total 149 trained health workers involved the leprosy diagnosis and 838 Male volunteers/FCHV’s mobilizing for door to door visit after orientation.  
**Result:** Total 1110 suspected leprosy were referred in health institution from door to door survey and 62 confirm diagnose leprosy by trained health workers with reconfirming. Female proportion among detected cases were 37.09% and child were 3.22%. Disability grade II is 25.80% among detected cases which is significantly higher than national and district figures.  
**Conclusion:** This intervention expose the hidden cases on those 3 days campaign activities including awareness programme.

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**Title: First molecular evidence and genetic characterization of Coxiella burnetii and Candidatus Midichloria mitochondrii in Ixodid ticks infesting Tunisian dromedaries**

Rachid Selmi  
Tunisia

**Tick-borne disease constitutes a serious challenge associated to human and animals illnesses, economic losses and control measure. As well as other ruminants, camels in arid area are involved in these infections as host and/or carrier. The current study, reported infection of ticks infesting Tunisian dromedaries (Camelus dromedarius) by Coxiella burnetii and the endosymbiotic bacteria Candidatus Midichloria mitochondrii.**  
A total of 327 non-engorged ticks, including 160 Hyalomma dromedarii (49%), 158 H. impeltatum (48.3%) and 9 H. excavatum (2.7%) removed from 412 one humped dromedaries were subjected to PCR amplification using specific primers. Coxiella burnetii and C.M. mitochondrii DNA were detected in 3.6% (12/327) and 8% (26/327) of tested ticks, respectively.