Tentative Program

6th International Conference on

Microbial Physiology and Genomics

August 31-September 1, 2017 Brussels, Belgium



Interactive Sessions | Keynote Lectures | Plenary Lectures | Workshops

Exhibitors | B2B Meetings

For available speaker slots

microbialphysiology@conferenceseries.net

6th International Conference on Microbial Physiology and Genomics

Microbialphysiology 2017

August 31-September 1, 2017 Brussels, Belgium

Program at a Glance

Day 1

Morning Sessions	Reception/Registration	08.00-09.00	
		Time	General Session
	Least of 3 Keynote/Plenary Talks	09.00-09.15	Inaugural Address
		09.15-09.45	Keynote/Plenary Talk 1
		09.45-10.15	Keynote/Plenary Talk 2
		10.15-10.45	Keynote/Plenary Talk 3
	Panel Discussions/Group Photo		
	Coffee/Tea Break 10.45-11.00 (Networking)		
Evening Sessions	11.00-12.40	5 Speakers (20 Mins Each)	
	Lunch Break 12.40-13.30		
	13.30-15.30	6 Speakers (20 Mins Each)	
	Coffee/Tea Break 15.30-15.45 (Networking)		
	15.45-17.25	5 Speakers (20 Mins Each)	

19 Speakers for **Day 1**

Day 2

	Time	Session 1	Session 2
Morning Sessions	09.00-10.40	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Coffee/Tea Break 10.40-10.55 (Networking)		
	10.55-12.35	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Lunch Break 12.35-13.25		
Evening Sessi	13.25-15.05	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Poster Sessions		
	Coffee/Tea Break 15.05-15.20 (Networking)		
	15.20-17.00	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	e/Tea Break 15.05-15.20 (Networking)		
	15.20-17.00	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Closing Cermony		

40 Speakers on **Day 2**

NOTE: Program Shedule is subject to change with final allotment of the speaker slots

For more Details PS: http://microbialphysiology.conferenceseries.com/

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Conference Highlights

- Microbial Physiology
- Metabolism Diversity in Microbes
- Microbes and Environments
- Microbial Metabolism
- Advanced Microbial Genetics
- Microbial Evolution, Phylogeny and Diversity
- Industrial Microbiology
- Microbial Ecology
- Microbial Diseases
- Host-Microbe Interactions
- Bacterial Physiology
- Molecular Microbiology
- Microbial Genomics and Genome Sequencing
- Microbiology & Infectious Diseases

For detailed sessions, please visit: http://microbialphysiology.conferenceseries.com/

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Glimpses of Microbial Physiology





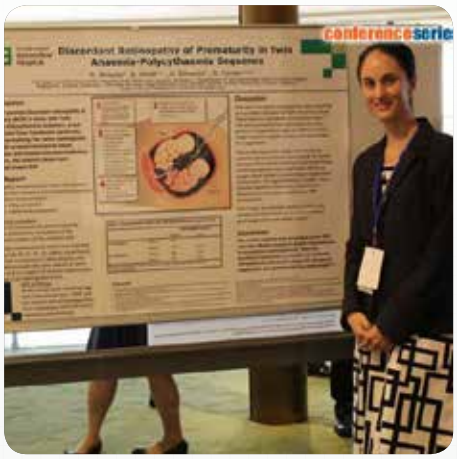






Glimpses of Microbial Physiology











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5th International Conference on

Microbial Physiology and Genomics

September 29-30, 2016 London, UK

Scientific Program



Day 1 September 29, 2016

Registrations

Meeting Room 5&6

conferenceseries.com

Opening Ceremony

Keynote Forum

Title: Risk Awareness of Disease and Infection Undergraduate Study (RADIUS) Combining Teaching, Research and Community Service
Mohannad Al Saghir, Ohio University, USA

Coffee Break @ Concorde Foyer

Title: Uridylation-induced RNA degradation in mitochondria of trypanosomes: mechanisms, targets and evolution
Ruslan Afasizhev, Boston University School of Dental Medicine, USA

Session 1: Industrial Microbiology | Microbial Screening and Physiology | Microbial Diseases | Advanced Microbial Genetics | Microbes and Environments | Microbial Metabolism | Metabolism Diversity in Microbes | Microbial Genetics - Problems

Session Chair: Mohannad Al Saghir, Ohio University ,USA
Session Co-Chair: Ruslan Afasizhev, Boston University School of Dental Medicine,USA

Session Introduction

Title: Enhancement of the bactericidal activity of antibiotics in hypoxic biofilms as seen in patients with chronic pulmonary disease.
Mette Kolpen, University of Copenhagen, Denmark
Title: Ultra-fast drug resistance predictions from NGS sequence data using Cloud Computing
Ella Cullen, University of Stirling, United Kingdom

Lunch Break @ Aromi Restaurant

Title: Application of Proteomics in the study of Microbial Physiology: taking advantage of changes in the microbe's normal functions under stress conditions
Arinze Okoli, Genok - Centre for Biosafety, Norway
Title: Influence of Temperature and pH on the Growth of *Lactobacillus reuteri* ATCC 23272 using Optical Density assay
Khalid Habib, Baghdad-University, Iraq
Title: Diverse fitness associated with resistance to fluoroquinolones influenced the clonal dynamics of various multiresistant pathogens
Miklos Fuzi, Semmelweis University, Hungary
Title: Strong antibiotic production is correlated with an oxidative metabolism in *Streptomyces*
Marie Joelle Virolle, University Paris Sud, France
Title: Pentatricopeptide repeat (PPR) RNA binding proteins regulate mRNA processing in mitochondria of *Trypanosoma brucei*
Inna Afasizheva, Boston University School of Dental Medicine, USA

Coffee Break @ Concorde Foyer

Panel Discussion

Day 2 **September 30, 2016**

Meeting Room 5&6

WORKSHOP

Title: Physiological aspects of antibiotic resistance in bacteria

Miklos Fuzi, Semmelweis University, Hungary

Coffee Break @ Concorde Foyer

Title: The cMeeting Room 5&6enge to discover novel antibiotics

Marie Joelle Virolle, University Paris Sud, France

Lunch Break @ Aromi Restaurant

13:20-14:20 @ Poster Presentations

Poster Judge: Miklos Fuzi, Semmelweis University, Hungary

P01 **Title: Study of antibiotic resistences of strains of *Campylobacter jejuni* from farm and chicken meat**

Verónica García, Universidad de Santiago de Chile, Chile

P02 **Title: Genetic analysis of *Serratia plymuthica* using transposon mutagenesis to investigate the production of secreted antimicrobial activity**

Mai Al Ghanem, Heriot-Watt University, UK

P03 **Title: Metabolic Flux analysis of nitrogen-fixing bacteria**

Khushboo Bora, University of Oxford, UK

P04 **Title: The comparison of *C. coum* or *C. coum* –ciprofloxacin treated biofilms with un- treated by 2-DE method**

Morvarid Shafiei, Pasteur Institute of Iran, Iran

P05 **Title: Physiological and metabolic potentials of subseafllor microbial communities up to 31 and 136 meters below the seafloor.**

GaboyerFrédéric, Centre de Biophysique Moléculaire – CNRS, France

P06 **Title: Transcriptomic analysis of *Zymomonas mobilis* under SOS-induction**

Giannis Savvakis, National and Kapodistrian University of Athens, Greece

P07 **Title: Identification of the response pathways of *Escherichia coli* and *Enterococcus faecalis* to glyphosate and its major breakdown compound aminomethyl phosphonic acid (AMPA)**

Kabelo Stenger, Genok Center for Biosafety, Norway

Coffee Break @ Concorde Foyer

Panel Discussion

Awards & Closing Ceremony

Bookmark your dates

6th International Conference on

Microbial Physiology and Genomics

August 02-03, 2017 Milan, Italy

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Website: microbialphysiology.conferenceseries.com

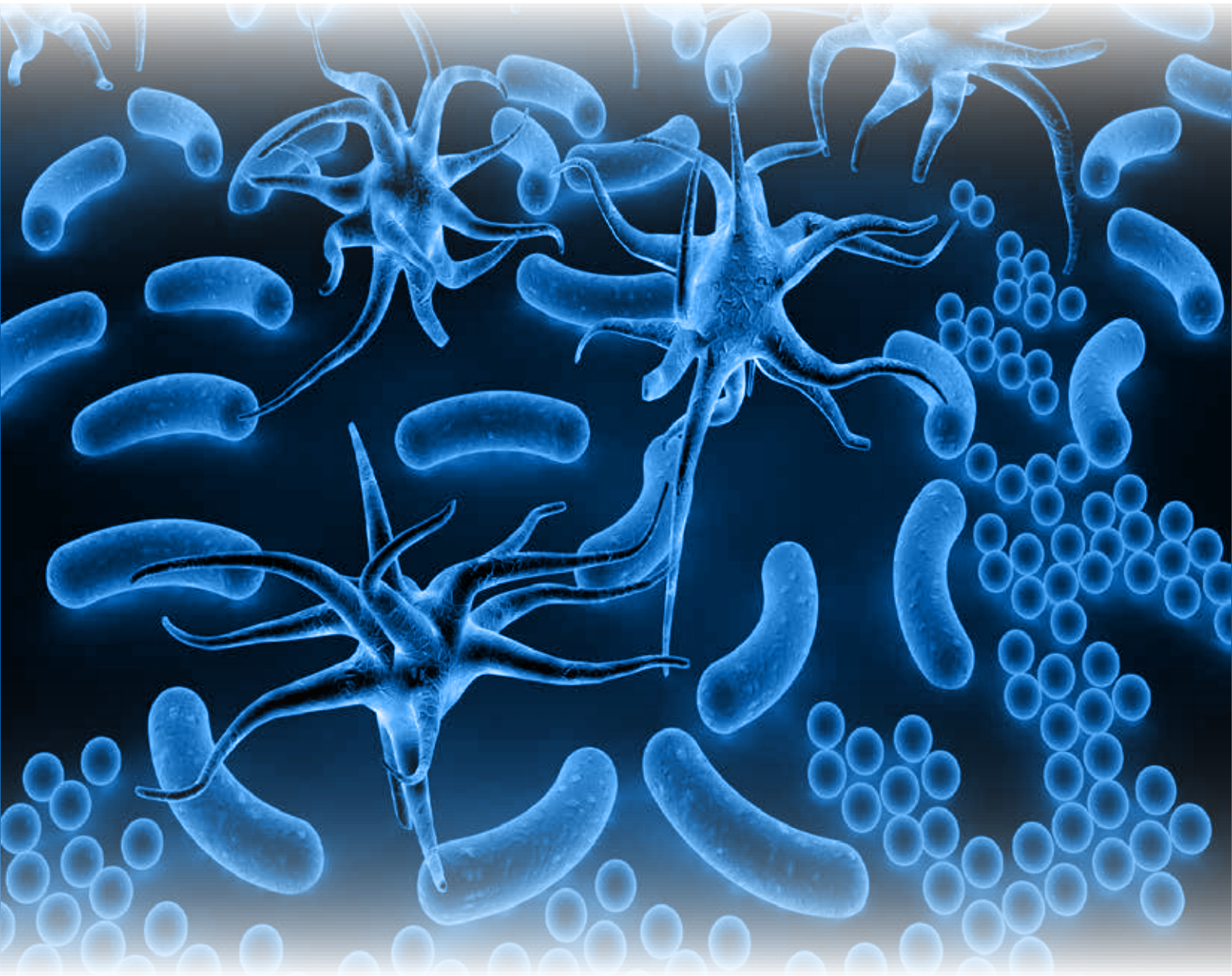
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769th Conference

Scientific Program

6th Clinical Microbiology Conference

Rome, Italy October 20-22, 2016



Hosting Organization: Conference Series LLC

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Email: clinicalmicrobiology@conferenceseries.net

Day 1 October 20, 2016

Registrations

OLIMPICA 2

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Opening Ceremony

Keynote Forum

Introduction

Title: The small molecule nucleoside prodrug GS-5734 exhibits broad antiviral activity against pathogenic human coronaviruses and related zoonotic strains
Amy C Sims, University of North Carolina at Chapel Hill, USA

Title: Human vaccines for infectious and non-infectious diseases
Giulio Tarro, T. & L. de Beaumont Bonelli for cancer research, Italy

Title: Turning WGS-based diagnostics into practice for diagnosis of drug resistant tuberculosis
Daniela Maria Cirillo , San Raffaele Scientific Institute Milan, Italy

Title: New insights in the diagnosis and monitoring of HCV infection
Claudio Galli, Abbott Diagnostics, Italy

Group Photo

Networking & Refreshment Break @ Foyer

Session: Viral Infections

Session Chair: Maurizio Provenzano, University Hospital Zurich, Switzerland
Session Co-Chair: Fiona McPhee, Bristol-Myers Squibb Co, USA

Session Introduction

Title: Polyomavirus BK and prostate cancer: A complex interaction of potential clinical relevance
Maurizio Provenzano, University Hospital Zurich, Switzerland

Title: An assay to detect neutralizing antibodies against H5N1 influenza without the requisite for live virus using Surface Plasmon Resonance (SPR) technology
Malgorzata G Norton, U.S. Food and Drug Administration, USA

Title: Prototype and nicaraguan strains of zika virus infect primary human placental cells expressing Axl, Tyro3 and TIM1 receptors at the uterine placental interface, modulated by individual donors
Lenore Pereira, University of California San Francisco, USA

Title: Elevated PVR expression on Tfh cells is coupled to increased TIGIT and low effector capacity of HIV-specific CD8+ T cells
Annika C Karlsson, Karolinska Institutet, Sweden

Title: Impact of baseline NS5A polymorphisms on sustained virologic response in patients infected with HCV treated with daclatasvir-based regimens
Fiona McPhee, Bristol-Myers Squibb Co, USA

Lunch Break @ Hotel Restaurant

Title: Bridging the gap between pragmatic intervention design and theory: using behavioural science tools to modify an existing quality improvement programme to implement "Sepsis Six"
Sheldon Stone, University College London Medical School, UK

Title: Molecular characterization of Norovirus isolates from South Korea
Jae Woong Lee, The Catholic University of Korea, Republic of Korea

Title: Intrinsic, innate and adaptive immune responses against *human cytomegalovirus* (HCMV): the mighty macrophages
Giada Frascaroli, Ulm University Medical Center, Germany

Title: Management and treatment of herpes simplex keratitis(HSK)
Qamar Gulzar, Avalon University School of Medicine, Curaçao

Title: Human Papilloma Viruses infections in different studies groups from North-East Romania
Luminița Smaranda Iancu, Ramona Gabriela Ursu "Grigore T. Popa" Iasi University of Medicine and Pharmacy, Romania

Networking & Refreshment Break @ Foyer

Session: Microbial Biofilms

Session Chair: Gianfranco Donelli, Microbial Biofilm Laboratory, Italy

Title: *Pseudomonas aeruginosa* biofilm infections in the united airways of of cystic fibrosis patients
Niels Høiby, University of Copenhagen, Denmark

Title: Development of innovative coatings for antibiofilm medical devices
Iolanda Francolini, Sapienza University of Rome, Italy
Title: Diagnosis and understanding of chronic biofilm infections
Trine Rolighed Thomsen, Aalborg University and Danish Technological Institute, Denmark
Title: Biofilms in anaerobic infections
Claudia Vuotto, Microbial Biofilm Laboratory, Italy
Title: Novel therapeutic strategies against chronic biofilm disease
Claus Moser, University of Copenhagen, Denmark
Title: Significance of key glycolytic enzymes in cariogenic biofilm formation
Palina Vyhouskaya, Jagiellonian University, Poland

Panel Disscussion

Day 2: October 21 2016

OLIMPICA 2

Keynote Forum

Introduction

Title: Genomics-based bioforensic analysis at the national bioforensic analysis center
Nicholas Bergman, National Bioforensic Analysis Center, USA

Title: *Clostridium difficile* infection in the healthcare setting
Nicola Petrosillo, National Institute for Infectious Diseases, Italy

Title: Virological surveillance of the continuously evolving influenza viruses
Maria Rita Castrucci, WHO National Influenza Centre, Italy

Networking & Refreshment Break @ Foyer

Session: **Antimicrobial Agents**

Session Chair: Charles William Keevil, University of Southampton Centre for Biological Sciences, UK
Session Co-Chair: Margitta Dathe, Leibniz Institute of Molecular Pharmacology, Germany

Title: Prevention of horizontal gene transfer of antibiotic resistance genes on touch surfaces
Charles William Keevil, University of Southampton Centre for Biological Sciences, UK
Title: The secrets and potential of a novel cyclic antimicrobial and cell penetrating peptide
Margitta Dathe, Leibniz Institute of Molecular Pharmacology, Germany
Title: Evolution of drug resistance in *Mycobacterium tuberculosis*
Alexander Pym, African Health Research Institute, South Africa
Title: Use of colistin sulfate for the oral treatment of experimental post-weaning diarrhea in pigs: Therapeutic efficacy andantibiotic resistance
Alexandre Thibodeau, Université de Montréal, Canada
Title: Genomics initiative for surveillance of and research on antimicrobial resistance in clinical pathogens
Maria Luisa G Daroy, St. Luke's Medical Center, Philippines
Title: Etiological structure and antimicrobial resistance of pathogens isolated from patients with ventilator-associated pneumonia
Viktoryia Ziamko, Vitebsk State Medical University, Belarus

Lunch Break @ Hotel Restaurant

Poster Presentations

Poster Judge: Gianfranco Donelli, Microbial Biofilm Laboratory, Italy

C - 001 **Title: Adapting laboratory techniques for the detection of Carbapenamase Producing *Enterobacteriaceae* (CPE) carriage to changing trends in the prevalence of CPE in Singapore**
Prabha Krishnan, Tan Tock Seng Hospital and National Public Health Laboratory, Singapore

C- 002 **Title: Decrease in measles vaccination coverage – a new public health problem in Slovakia**
Martin Novák, Comenius University in Bratislava, Slovakia

C - 003 **Title: Mumps as a new epidemiological problem in Slovakia**
Veronika Szabóová, Comenius University Bratislava, Slovakia

C - 004 **Title: Antibacterial Activity of N-Styryl alkylimidazolium Ionic Liquids**
Luis Guzman, University of Talca, Chile

C - 005 **Title: The use of antibiotics in acute appendicitis**
Nataliya Piletska and Claire Stewart, Evelina Children's Hospital, UK

C - 006 **Title: Bovine mastitis: *Staphylococci* and resistance genes towards β-lactams and macrolides-lincosamides antibiotics in Argentina**
Mariela E rednik, University of Buenos Aires, Argentina

C - 007 **Title: The possible role of prostaglandin D2 in malaria pathogenesis**
Pimwan Thongdee, Thammasat University, Thailand

C - 008 **Title: Molecular epidemiology of waterborne viruses in South Korea**
Lae-Hyung Kang, The Catholic University of Korea, South Korea

C - 009 **Title: The role of the ABC-F proteins, Vga(A) and Msr(A), in antibiotics resistance in staphylococci**
Jakub Lenart, Charles University in Prague, Czech Republic

C - 010 **Title: Outbreak of tetanus in a mare in Republic of Korea**
Kichan Lee, Animal and Plant Quarantine Agency, Republic of Korea

C - 011 **Title: The role of vanZ expression for efficiency of glycopeptides against *Staphylococcus aureus***
Leona Zieglerováis, Charles University, Czech Republic

C - 012 **Title: Molecular and biochemical characterization of stefin-2 from the liver fluke *Fasciola gigantica***
Sinee Siricoon, Thammasat University, Thailand

C - 013 **Title: Analysis of β-lactamase genes in multidrug-resistant *Acinetobacter baumannii* isolated from a hospital in the southwest of China**
Ying Shun Zhou, Southwest Medical University, China

C - 014 **Title: Determination of cut-off titre of ELISA test used in diagnosis of Leptospirosis in south Gujarat**
Summaiya Mullan, Govt. Medical college, India

C - 015 **Title: Changing Characteristics of Colistin-Resistant Carbapenemase-producing Klebsiella pneumoniae from Bloodstream Infections**
Angeliki Mavroidi, General Hospital of Nea Ionia, Greece

C - 016 **Title: A six-year survey of continuous ambulatory peritoneal dialysis (CAPD)-associated peritonitis**
Sofia Maraki, University Hospital of Heraklion, Greece

C - 017 **Title: Phenotypic and genotypic characterization of methicillin resistant *Staphylococcus aureus* isolated from different sources**
Ayman Ameen Samy Mohamed Ibrahim, National Research Center, Egypt

C - 018 **Title: Antibacterial Activity of N-Styryl alkylimidazolium Ionic Liquids**
Luis Guzman J, Universidad de Talca, Chile

Session: **Antimicrobial Agents**

Session Chair: Charles William Keevil, University of Southampton Centre for Biological Sciences, UK
Session Co-Chair: Margitta Dathe, Leibniz Institute of Molecular Pharmacology, Germany

Title: Anti-microbial effects of the Cinnamon, Tarragon and Ginger Oils
Demet Çelebi, Ataturk University, Turkey

Title: Antibiotic feed chickens cause bacterial drug resistant or not?
Çigdem Eda Balkan, Kafkas University, Turkey

Title: Synergistic antimicrobial therapy using nanoparticles and antibiotics for the treatment of multi-drug resistant bacteria
Neveen Saleh, National organization for drug control and research, Egypt

Networking & Refreshment Break @ Foyer

Title: One Healthconceptand Bacteriophages
Marina Tediashvili, George Eliava Institute of Bacteriophages, Georgia

Title: New challenges in emerging and re-emerging trends in parasitic diseases
M V Raghavendra Rao, Avalon University School of Medicine, Curaçao

Title: A pipeline to quickly and automatically characterize microbial genomes from high-throughput sequencing data
Ségolène Caboche, Lille University of Science and Technology, France

Title: Veterinary public health in Italy: From healthy animals to healthy food, contribution to improve economy in developing countries
Rossella Colomba Lelli, Istituto Zooprofilattico Sperimentale dell'Abruzzo e del Molise "G. Caporale", Italy

Title: Periodontal microbiota in HIV infected Brazilian adults
Lucio Souza Gonçalves, Estácio de Sá University, Brazil

Panel Disscussion

Day 3: October 22 2016

OLIMPICA 2

Session: Medical Microbiology | Infectious diseases | Infection Control | Microbial Pathogenesis

Session Chair: Zhiheng Pei, New York University School of Medicine, USA

Session Co chair: Liying Yang, New York University School of Medicine, USA

Title: Microbial association with esophageal adenocarcinoma and reflux disorders.

Zhiheng Pei, New York University School of Medicine, USA

Title: HIV-induced immunosuppression is associated with loss of microbial colonization resistance in the proximal gut

Liying Yang, New York University School of Medicine, USA

Title: clfA- R domain based objective molecular typing of methicillin resistant *Staphylococcus aureus* isoates from patients and screening procedures reveal domiant host-specific clonal lineages in a tertiary care hospital in Buraidah, Qassim, KSA

Kamaleldin B Said, Carleton University, Canada

Title: *Prevotella jejuni*- Anaerobic Gram-Negative Bacterium Associated to Coeliac Disease

Maria Hedberg, Umeå University, Sweden

Title: Human *herpesvirus* type 8 in tuberculosis patients with or without effusions

Cheng-Chuan Su, Tzu Chi University, Taiwan

Networking & Refreshment Break @ Foyer

Title: Epithelial cells of the amniotic membrane sustain persistent cytomegalovirus infection in the human placenta

Lenore Pereira, University of California San Francisco, USA

Title: *Campylobacter jejuni* and chicken colonisation: different strains, different abilities

Alexandre Thibodeau, University of Montreal, Canada

Title: Formulation of microbial growth medium using banana peel and maize cob

Wasa Alibe Ahmed, University of Canterbury, New Zealand

Session: Nosocomial Infections | Immunity and Vaccination | Disease Diagnosis and Prevention

Session Chair: Wolfgang R.Heizmann, University of Tübingen, Germany

Session Co chair: Amaresh Das, APHIS-USDA, USA

Title: To screen or not to screen?

Wolfgang R Heizmann, University of Tübingen, Germany

Title: Critical components of diagnostic real time polymerase chain reaction from sample preparation to extraction to amplification

Amaresh Das, APHIS-USDA, USA

Title: Nosocomial dissemination of Multidrug resistant *Pseudomonas aeruginosa* in Lithuania

Astra Vitkauskiene, Lithuanian University of Health Science, Lithuania

Lunch Break @ Hotel Restaurant

Title: Norovirus diversity and immune driven evolution: Mechanisms of protection and implications for vaccine design

Lisa Lindesmith, University of North Carolina, USA

Title: Comparative genomics of non-tuberculous mycobacteria: ecological and clinical implications

Antoni Bennasar-Figueras, Universitat de les Illes Balears, Spain

Title: Community-Acquired Methicillin-Resistant *Staphylococcus aureus*: Characteristics epidemiology, clinical, microbiology and molecular biology ; SCCmec gene analysis and VISA in patients infected with *Staphylococcus aureus* and antibiotic resistance testing in 2 hospitals

Latre Buntaran, Mayapada Hospitals, Indonesia

Title: Difficult separation of *Haemophilus influenzae* from the closely related but less pathogenic *Haemophilus haemolyticus*: Comparison of 16S rRNA, MLSA, and full genomic content

Niels Norskov-Lauritsen, Aarhus University Hospital, Denmark

Title: Intraabdominal candidiasis – myth or fact?

Vaclava Adamkova, Clinical Microbiology and ATB centre, Czech Republic

Title: Towards rapid phenotypic antibiotic susceptibility testing through RNA detection

Roby P Bhattacharyya, Broad Institute of MIT and Harvard, USA

Title: Epidemiology of invasive Group B *Streptococcal* disease in infants in Southern Mainland China, 2011–2014

Haiying Liu, Guangzhou Women and Children's Medical Center, China

Title: Adhesion molecule of *V. cholerae* can prevent the leaking of fluid from intestinal cells of mice

Sumarno Reto Prawiro, Unversity Brawijaya Malang, Indonesia

Title: Nosocomial infections

Andre Ricardo Araujo da Silva, Federal Fluminense University, Brazil

Networking & Refreshment Break @ Foyer

Awards & Closing Ceremony

Scientific Program

4th International Conference on

Clinical Microbiology and Microbial Genomics

October 05-07, 2015 Philadelphia, USA



International Conferences:
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Email: clinicalmicrobiology@omicsgroup.com; clinicalmicrobiology@conferenceseries.com and clinicalmicrobiology@conferenceseries.net

Day 1 October 05, 2015

Registrations

Independence B

Opening Ceremony

Keynote Forum

John G Thomas
West Virginia University, USA

Giovanni Matera
University of Catanzaro, Italy

Group Photo

Networking & Refreshments @ Foyer

Joanna S Brooke
DePaul University, USA

Track 1: Insights and Trends in Microbiology
Track 2: Clinical Bacteriology
Track 3: Clinical Virology
Track 4: Parasitology and Mycology

Session Introduction

Session Chair: John G Thomas, West Virginia University, USA
Session Co-Chair: Joanna S Brooke, DePaul University, USA

Title: Unlearning the learned about wound management and biofilms: Reestablishing the microbial library within
John G Thomas, West Virginia University, USA
Title: Effects of select chemicals on the opportunistic multidrug-resistant bacterial pathogen, stenotrophomonas maltophilia and its biofilm
Joanna S Brooke, DePaul University, USA
Title: Mechanisms of antiretroviral drug-induced changes in amyloid precursor protein processing: Implications for HAND
Kelly L Jordan-Sciutto, University of Pennsylvania, USA
Title: Invasive fungal infections
Dr Dionysios Neofytos, Roche Diagnostics Inc, Switzerland

Lunch Break @ Benjamin

Title: Defining the dual citizenship with our microbiota in disease and health using our microbial clock: the good, the bad and the ugly
John G Thomas, West Virginia University, USA
Title: 5 year analysis of bacterial resistance in the Dutch Carribean Island of curacao and implications for antimicrobial stewardship
Radjin Steingrover, Analytical Diagnostic Center (ADC), Curacao, Netherland
Title: Chips for antimicrobial drug discovery and diagnosis
Anand Ramasubramanian, University of Texas, USA
Title: Zoonotic endocarditis.Ten years experience: 2005-2015
Mervat G.Al-Enany, Cairo University hospitals, Egypt
Title: Usefulness of saliva samples for hepatitis B virus dna (hbv dna) detection
Moyra Machado Portilho, Brazil

Networking & Refreshments @ Foyer

Title: Association of gyra mutation in *Mycobacterium tuberculosis* isolates with phenotypic ofloxacin resistance detected by resazurin microtiter assay
Asho Ali, King Abdul Aziz University, Kingdom of Saudi Arabia
Title: Comparative diagnosis of *Plasmodium falciparum* using microscopy and rapid diagnostic test (rdt) in north western nigeria
M.H. Ruqayyah, Federal University Dutse, Nigeria

Panel Discussion

Day 2 October 06, 2015

Independence B

Keynote Forum

Mahin Khatami
National Cancer Institute, USA

Amr Mohamed Abdel Fattah Mohamed
Umm Al-Qura University, Saudi Arabia

Networking & Refreshments @ Foyer

Track 5: Clinical Veterinary Microbiology
Track 6: Clinical Immunology
Track 7: Microbial Genomics and Cellular Microbiology
Track 8: Genome Plasticity and Infectious Diseases

Session Introduction

Session Chair: Amr Mohamed Abdel Fattah Mohamed, Umm Al-Qura University, Saudi Arabia

Title: *In vitro* characterization of five potential antigenic proteins that elicited specific immune reaction using pmbc from sensitized guinea pig models of both tuberculous and non-tuberculous mycobacterium species
Amr Mohamed Abdel Fattah Mohamed, Umm Al-Qura University, Kingdom of Saudi Arabia

Tittle: Diagnosis of dengue virus infection with iga anti dengue rapid test
Aryati Aryati, Universitas Airlangga, Indonesia

Workshop on
A walk with Louis Pasteur in the laboratories: His (1880), Ours (2015) and future (2025)
Organized by John G Thomas, Professor Emeritus, USA

Lunch Break @ Benjamin

Title: Molecular evaluation of idexx paratuberculosis screening elisa as a rapid tool for detection of johne's disease among suspected small ruminants
Ghada A. Abou El-Ella, Umm Al-Qura University, Kingdom of Saudi Arabia

Title: Detection of aflatoxigenic fungi in poultry feed by PCR
Puspa Wardhani, Universitas Airlangga, Indonesia

Title: Anti-parasitic activity of propolis
Eman H. Abdel- Rahman, National Research Center, Egypt

Title: Anti-cryptosporidial activity of egyptian propolis and garlic oil against cryptosporidium oocysts *in vitro*
Soad M Nasr, National Research Centre, Egypt

Title: *In vivo* effects of propolis extract on acute and latent *T. Gondii* viability
Ashraf Barakat, National Research Centre, Egypt

Networking & Refreshments @ Foyer

Symposia on Antimicrobial activity on bee products or medical importance of bee products
Ahmed G Hegazi, National Research Centre, Egypt

Title: Antibacterial activity of bee venom collected from *Italian bees* (*apis mellifera*)
EL-Feel M. A, National Research Centre, Egypt

Title: Role of T regulatory cells in severity of pulmonary TB
Fadwa Abd El Reheem, Fayoum university, Egypt

Tittle: Bacterial infection from burns and overcomes by synergistic combination of antibiotics and essential oils
Neveen Mohamed Saleh, National Organization for Drug Control and Research, Egypt

Poster Presentations 15:00-15:45 @ Foyer

Day 3 October 07, 2015

Independence B

Track 9: Vaccines against Infectious Diseases
Track 10: Microbial and Biochemical Technology

Session Chair: Joanna S. Brooke, DePaul University, USA

Session Introduction

Title: Laboratory diagnosis and antiviral activity of natural Egyptian products on Contagious Ecthyma (ORF) viruses isolated from Human and Animals
Gamil GS Zeedan, National Research Center, Egypt

Title: Public Health hazard of zoonotic *Campylobacter jejuni* reference to egyptian regional and seasonal variations
Ahmed G Hegazi, National Research Centre, Egypt

Title: Molecular and serological diagnosis of different types of *Brucella* species infecting human and animals
Abeer M Abdalhamed, National Research Centre, Egypt

Title: Influence of some forage protein on immune response *Barki ewes*
Waleed M A Sadek, Agricultural Research Center, Egypt

Networking & Refreshments @ Foyer

Title: Influence of some forage protein on immune response *Barki ewes*
M M Eissa, Agricultural Research Center, Egypt
Title: Detection of aflatoxigenic fungi in poultry feed by PCR
Raed Najeeb Al-khersan, Basrah University, Iraq
Title: Antibacterial activity of honey
Ahmed Hegazi, National Research Centre, Egypt
Title: Antibacterial activity of bee
Ahmed Hegazi, National Research Centre, Egypt

Lunch Break @ Benjamin

Panel Discussion

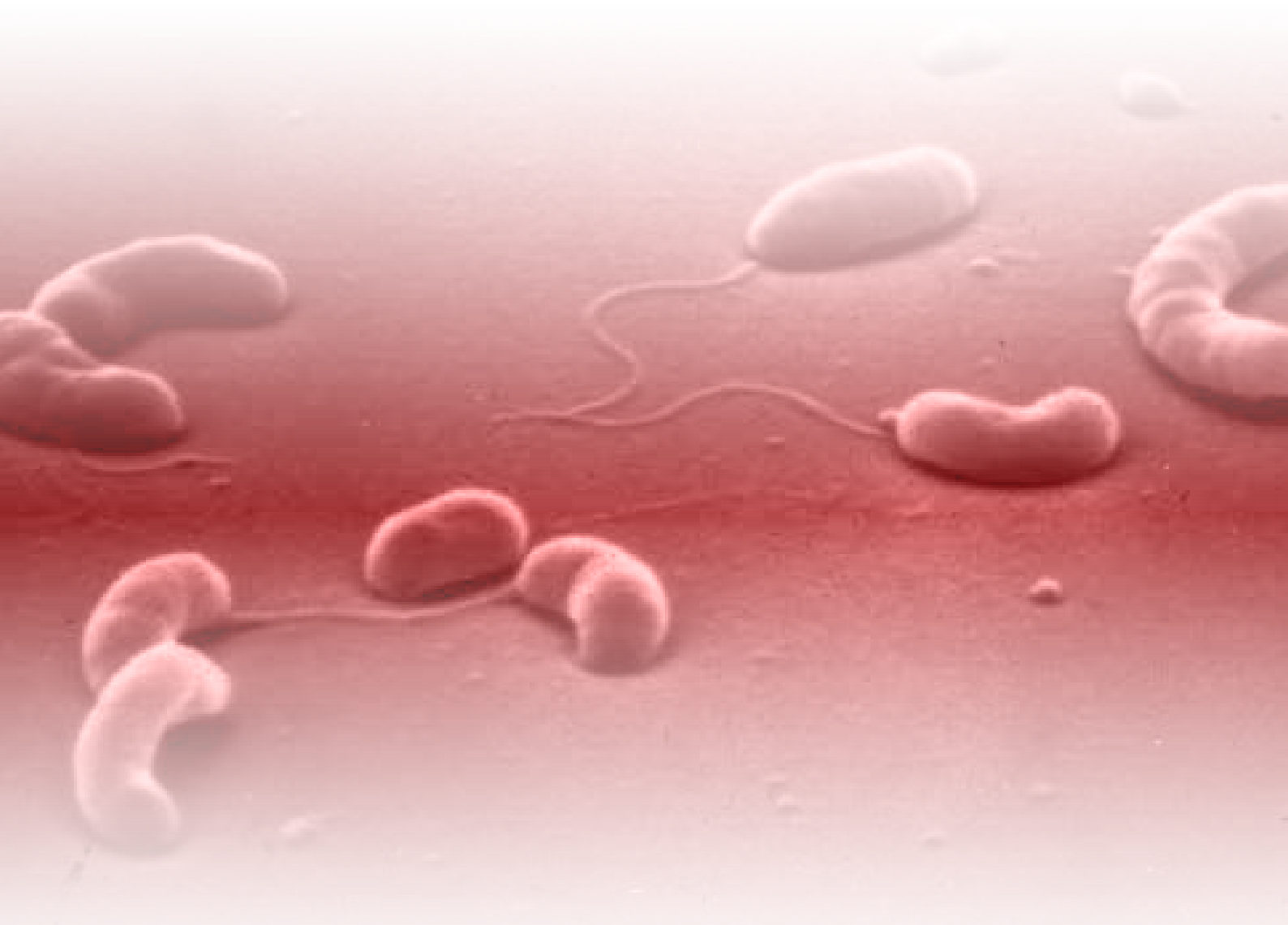
Award Ceremony

Bookmark your dates

6th International Conference on

Clinical Microbiology and Microbial Genomics

October 24-26, 2016 Rome, Italy



Website: clinicalmicrobiology@omicsgroup.com, clinicalmicrobiology@conferenceseries.com

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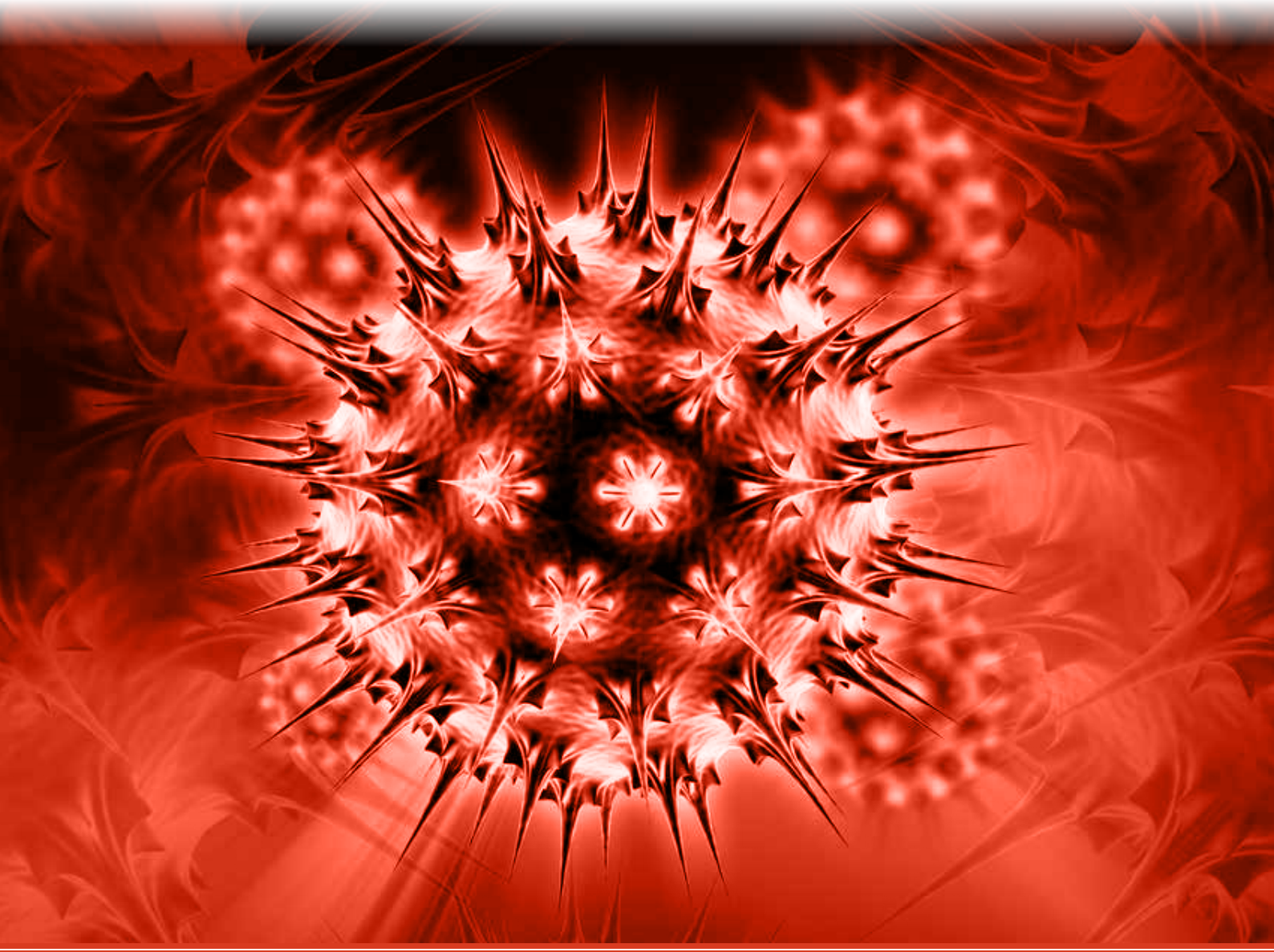
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Scientific Program

OMICS Group Conferences
Accelerating Scientific Discovery

2nd International Congress on
Bacteriology & Infectious Diseases

November 17-19, 2014 DoubleTree by Hilton Hotel Chicago-North Shore, USA



Organize your Events at OMICS Group Conferences

Proposals are invited for organizing Symposia/Workshops at OMICS Group Conferences or OMICS Group will sponsor small events at your universities in related areas under the title of your own. These proposals can be sent to respective conference mail ids or to *symposia@omicsonline.org*

OMICS Group Conferences
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Registrations

Versailles - B

Opening Ceremony

Keynote Forum

Introduction

Gregory A. Buck
Virginia Commonwealth University, USA

Michael Y. Galperin
National Center for Biotechnology Information, USA

Ed T Buurman
AstraZeneca, USA

Massimo Cecaro
EIC, National Councilor of Italian Medical Press, Italy

Group Photo

Coffee Break @ Versailles Foyer

Track 1: News in Bacterial Structure, Morphology & Metabolism
Track 2: Bacterial Pathogenesis, Virulence & Countermeasures

Session Chair: Phillip E. Klebba, Kansas State University, USA
Session Co-Chair: Abu Salim Mustafa, Kuwait University, Kuwait

Session Introduction

Title: Spectroscopic analyses of Gram-negative bacterial iron transport reactions
Phillip E. Klebba, Kansas State University, USA
Title: Diagnostic potentials of *M. tuberculosis*-specificproteins and peptides
Abu Salim Mustafa, Kuwait University, Kuwait
Title: A soluble auto assembling heptameric *Staphylococcus aureus* alpha-hemolysin as a vaccine candidat
Ilaria Ferlenghi, Novartis Vaccines Research Centre, Italy
Title: The evolution of virulence in *Streptococcus pyogenes*
Francis J. Castellino, University of Notre Dame, USA
Title: Transcriptome analysis identifies *Bacillus anthracis* AtxA as a global transcriptional regulator of genes that respond to carbon dioxide
Andrei P. Pomerantsev, National Institute of Allergy and Infectious Diseases, USA
Title: Detection of Legionella spp., *L. pneumophila* and *L. pneumophila* serogroup 1 in drinking water system
Jingrang Lu, US Environmental Protection Agency, USA
Title: Crosstalk between acidic phospholipids present in bacterial membranes and the Initiation of replication at *Escherichia coli* Chromosomal origin (oriC) is beyond nucleotide exchange on DnaA, the initiator protein
Rahul Saxena, Georgetown University Medical Center, USA
Title: *Pseudomonas aeruginosa*: A bacterial opportunist pathogen with an extremely well conserved genome that shows a variety of pathogenic interactions
Gloria Soberon-Chavez, National Autonomous University of Mexico, Mexico

Lunch Break @ Monaco

Title: Function of the phased A-tracts upstream of the phospholipase C gene promoter in *Clostridium perfringens*
Seiichi Katayama, Okayama University of Science, Japan
Title: Virulence and transmission of bacteria inducing tooth decay
Ling Zhan, University of California, USA
Title: Mycobacterial manipulation of the host innate immune response
Cory M. Robinson, The University of South Carolina School of Medicine, USA
Title: Biological and pathogenic regulatory role of salmonellagidAB operon
Amin A. Fadl, University of Wisconsin-Madison, USA
Title: From vertical to horizontal transmission, when the Wolbachia endosymbiont turns to a deadly pathogen for its hosts
Winka LE CLECH, Texas Biomedical Research Institute, USA

Title: The molecular basis of protective immunity against experimental intracellular infection caused by *Francisella tularensis*
Klara Kubelkova, University of Defence, Czech Republic

Coffee Break @ Versailles Foyer

Title: Production and regulation of functional amyloid curli fimbriae by Shiga toxin-producing *Escherichia coli*
Gaylen Uhlich, U.S. Department of Agriculture, USA
Title: Investigating the survival and persistence of the multiple-drug-resistant global opportunistic pathogen, *Stenotrophomonas maltophilia*
Joanna S. Brooke, DePaul University, USA
Title: Metabolic control of virulence potential of the agent of Lyme disease
Janakiram Seshu, The University of Texas , USA
Title: Bactofection of mammalian cells by an attenuated derivatives of *Pasteurella multocida* B:2
Sarah Othman, Universiti Putra Malaysia, Malaysia
Title: Leprosy scenario in India
Abha Aggarwal, ICMR, India
Title: Methodology of collection of spontaneous sputum for microbiological confirmation of the diagnosis of pulmonary tuberculosis, pulmonary disease by non-tuberculous mycobacteria or for folow-up of out- and in-patients under anti-tuberculous the rap
Zerihun Tesfaye, Addis ababa University, Ethiopia
Title: Phytochemical screening of the exudete of Aloe otallensis and its effect on the *Leishmania aethiopica* and *Leishmania donovani*
David Jamil Hadad, Centre of Infectious Diseases, Brazil

Cocktails Sponsored by Journal of Bacteriology and Parasitology @ Versailles Foyer

Day 2 November 18, 2014

Versailles - B

Keynote Forum

Introduction

Stephen Hanessian
University of Montreal, Canada

Marcelo E. Tolmasky
California State University Fullerton, USA

Akira Kaji
University of Pennsylvania, USA

Coffee Break @ Versailles Foyer

Track 3 : Plant-Microbe Symbiosis & Pathology
Track 4 : Natural Microbial Defenses & Host Immunity
Track 5 : Animal Modeling and Veterinary Bacteriology

Session Chair: Kei Amemiya, US Army Medical Research Institute of Infectious Diseases, USA
Session Co-Chair: Joyce A. Sutcliffe, Tetraphase Pharmaceuticals, USA

Session Introduction

Title: Melioidosis and glanders: Diseases in search of animal models, vaccines, and therapeutics
Kei Amemiya, US Army Medical Research Institute of Infectious Diseases, USA
Title: Eravacycline, a novel fluorocycline, is highly efficacious in treating tularemia and anthrax in animal models
Joyce A. Sutcliffe, Tetraphase Pharmaceuticals, USA
Title: Carbon Monoxide: A poison to microbes
B.Y.Chin, International Medical University, Malaysia
Title: The role of plant metabolites in sensitive analytical detection of food borne illness pathogens
Alan Olstein, Paradigm Diagnostics, Inc, USA
Title: Isolation and molecular characterization of Mycobacterium avium subspecies paratuberculosis from ruminants and non domestic Non ruminant animals
Mohamed Salem, King Faisal University, Saudi Arabia
Title: Paratuberculosis in the Kingdom of Saudi Arabia: A review of current situation
Fadhel Housawi, King Faisal University, Saudi Arabia

Lunch Break @ Monaco

Track 6: Advances in Antimicrobials, Vaccines & Therapeutics

Session Chair: Thea Sesardic, National Institute for Biological Standards and Control, UK
Session Co-Chair: Kwang Poo Chang, Rosalind Franklin University of Medicine and Science, USA

Session Introduction

Title: Bioassays for evaluation of medical products derived from bacterial toxins
Thea Sesardic, National Institute for Biological Standards and Control, UK
Title: Photodynamic vaccination: Novel strategies of vaccine delivery by intraphagolysosomal parasites and their oxidative inactivation for safe and effective applications
Kwang Poo Chang, Rosalind Franklin University of Medicine and Science, USA

Title: Structural insights into antibiotic action on the ribosome
Andrei A. Korostelev, University of Massachusetts Medical School, USA
Title: Mechanisms of antigen uptake at mucosal surfaces and the relevance for vaccine design
Vjollca H. Konjufca, Southern Illinois University, USA
Title: Antimicrobial activities of natural compounds against susceptible and antibiotic-resistant pathogens in the absence and presence of food
Mendel Friedman, Western Regional Research Center, USA
Title: Type I toxin-antitoxin systems in *Escherichia coli*
Mitsuoki Kawano, Niigata Univ. of Pharm, Japan
Title: Techniques for the identification and exploitation of novel antimicrobial targets
Ali Ryan, Kingston University, UK
Title: Bacillus as a source of novel antibiotics
Patrick Fickers, Universite libre de Bruxelles, Belgium
Title: The Effect of antimicrobial agents on shiga toxin 2 release in *Escherichia coli* O104:H4 and role of the SOS response
Ghassan M Matar, American University of Beirut, Lebanon

Coffee Break @ Versailles Foyer

Title: Qnr proteins: Structure and properties against quinolone inhibition of DNA gyrase
María M. Tavío, University of Las Palmas de Gran Canaria, Spain
Title: Angels and demons: Microbes or man?
Yogandree Ramsamy, University Of Kwa Zulu Natal, South Africa
Title: High prevalence of faecal carriage of bla-SHV type extended spectrum-β lactamases producing Escherichia coli among healthcare workers
Rasha H. Bassyouni, Fayoum University, Egypt
Title: Towards anti virulence drugs targeting disulfide bond-forming enzyme DsbA
Prem Lakshmanane, The University of Queensland, Australia
Title: A chimeric protein (mTcd138) comprising the glucosyltransferase and domains of toxin B and the receptor binding domain of toxin A provides full protection against *Clostridium difficile* infection in mice
Xingmin Sun, Tufts University, USA

Poster Presentations @ Versailles Foyer

Poster Judges: Michael Y. Galperin, National Center for Biotechnology Information, USA
Ilaria Ferlenghi, Novartis Vaccines Research Centre, Italy

B-001
Title: Multi-locus sequence typing of *Campylobacter jejuni* using a novel Polymerase-Chain-Reaction-Microsphere method
Ross T. Barnard, The University of Queensland, Australia

B-002
Title: The effect of lowering *S. pneumoniae* MIC: Penicillin/Ampicillin live on as treatment for Pneumonia
Jennifer Bowes, University of Ottawa, Canada

B-003
Title: The effect of flavonoids from Malaysian propolis in regulating enterococcus faecalis biofilm virulent gene expressions
Amalraj Fabian Davamani, International Medical University, Malaysia

B-004
Title: The effect of mycobacterium vaccae on ultrasonic vocalizations of male mice during anxiety-provoking situations
Dorothy Matthews, The Sage Colleges, USA

B-005
Title: Characterising the host response of Balb/c mice to *Burkholderia pseudomalleiusing* RNASeq
Jonathan David, Biomedical Sciences, UK

B-006
Title: Understanding the mechanisms underlying bacterial bio-flocculant production
Arinze Okoli, GenØK-Centre for Biosafety, Norway

B-007
Title: Comparative in-vitro activities of trimethoprim-sulfamethoxazole and the new fluoroquinolones against confirmed extended spectrum β-Lactamase producing *Stenotrophomonas maltophilia* recovered from the Eastern Cape Province, South Africa
Anthony Okoh & Uchechukwu Nwodo, University of Fort Hare, South Africa

B-008
Title: Characterization of bioflocculant produced by actinobacterium sp. mayor
Leonard Mabinya, University of Fort Hare, South Africa

B-009
Title: Motif search-aided screening of the *Pseudomonas syringaepv*. maculicolagenome for genes encoding tertiary alcohol ester hydrolases
Maruping Mangena, University of Johannesburg, South Africa

B-010
Title: Effects of DNA size on cell transfection
Benjamin Hornstein, Baylor College of Medicine, USA

B-011
Title: Varicella-zoster meningitis with a late-onset of skin eruption: a case report
Sikarin Upala, Bassett Medical Center, USA

B-012
Title: Candidate gene approaches reveal new target pathways for treating antibiotic-resistant gram-negative bacterial infections
Zachary C. Conley, Baylor College of Medicine, USA

B-013
Title: Optimizing a strategy for molecular identification of species from Mycobacterium avium-intracellulare complex
Dechassa Terefe Lemu, Haramaya University College of Veterinary Medicine, Ethiopia

B-014 **Title: Computer-assisted antibacterial drug design. Searching potential inhibitors of acetohydroxyacid synthase from methicillin resistant *Staphylococcus aureus***

Alfredo Téllez-Valencia, Juárez University of Durango State, México

B-015 **Title: Drug design against nosocomial infections. Homology modeling and Virtual screening in shikimate dehydrogenase from *Enterobacter cloacae* to find potential inhibitors.**

Claudia Isela Avitia-Domínguez, Juárez University of Durango State, México

Poster Presentations @ Versailles Foyer

Poster Judges: Michael Y. Galperin, National Center for Biotechnology Information, USA
Ilaria Ferlenghi, Novartis Vaccines Research Centre, Italy

B-016 **Title: Novel strategies for the development of heterologous protein production processes based on thepPOX2 promoter in the yeast Yarrowia lipolytica.**

Hosni Sassi, Free University of Brussels, Belgium

B-017 **Title: Identification and characterisation of *Staphylococcus aureus* isolated from nasal swabs obtained from patients and healthcare workers at a tertiary hospital in Nigeria**

Aminat Oluwatoyin Adelowotan, University of Pretoria, South Africa

B-018 **Title: Distinguish, identification and study of antibiotic resistance profile of Nosocomial infectious pathogens**

Tea Koiava, Shota Rustaveli State University, Georgia

B-019 **Title: Draft genome sequences and description new probiotic strain of *Lactobacillus rhamnosus* CLS17**

Samat Kozhakhmetov, The Center for Life Sciences Nazarbayev University, Republic of Kazakhstan

B-020 **Title: Beneficial effects of the new synbiotic dairy product nar on human beings**

Zhanagul Khassenbekova, The Center for Life Sciences Nazarbayev University, Republic of Kazakhstan

B-021 **Title: Synthesis of new fatty acid amides derivates of castor oil with antituberculosisactivity**

Silvia Guzmán-Beltrán, National Institute of Respiratory Diseases, Mexico

B-022 **Title: Nordihydroguaiaretic acid inhibits *Mycobacterium tuberculosis* survival in vitro and in infected human cell line**

Martha Torres Rojas, National Institute of Respiratory Diseases, Mexico

B-023 **Title: Antimicrobial susceptibility of *Staphylococci* isolated from small animals**

Juan David Valencia Bacca, University of Sao Paulo, Brazil

B-024 **Title: Search for adhesins-encoding genes in Staphylococcus spp. isolated from small animals**

Juan David Valencia Bacca & Tatiana Jimenez Villegas, University of Sao Paulo, Brazil

B-025 **Title: Mycobacterium tuberculosis**

Yi Jiang, National Institute of Communicable Disease Control & Prevention Chinese Center for Disease Control & Prevention, P. R. China

B-026 **Title: Bacterial phenylalanyl-tRNA synthetase as an antibacterial target**

Ed T. Buurman, AstraZeneca, USA

B-027 **Title: Malignant sinusitis causing cerebral septic thromboses**

Sharon Joo, University of Nevada, USA

B-028 **Title: Assessment of Genotoxicity of Imidacloprid to freshwater teleost Channa punctatus (Bloch) using Micronucleus assay and Comet assay**

Padma Priya Balijepalli, GITAM University, India

B-029 **Title: Phenotypic characterization of Enterobacteriaceae producing Extended-spectrum-β-lactamase from poultry in Brazil**

Marita Vedovelli Cardozo, Sao Paulo State University, Brazil

Cocktails Sponsored by Mycobacterial Diseases @ Versailles Foyer

Day 3 November 19, 2014

Versailles - B

Track 7: Epidemiology, Emerging Infectious Diseases & Public Response Planning
Track 8 : Medical Microbiology - From Benchtop to Clinic
Track 9: Microbial Genomics, Systems Biology and Bioinformatics
Track 10 : Multi-Pathogen Infections & Post-Infection Sequelea
Track 11 : Industrial and Applied Bacteriology

Session Chair: Eric T. Harvill, Penn State University, USA
Session Co-Chair: Wanda C. Reygaert, Oakland University, USA

Session Introduction

Title: CNS complications from acute sinusitis in children
Pisespong Patamasucon, University of Nevada School of Medicine, USA
Title: How To Handle a Superbug: Insights on diagnosis and treatment of methicillin-resistant *Staphylococcus aureus*
Wanda C. Reygaert, Oakland University, USA
Title: Molecular typing of community acquired MRSA isolated from retail meats by spa typing PFGE and MLST
Mohamed K Fakhr, The University of Tulsa, USA
Title: Genome analysis of a salmon pathogen *Piscirickettsia salmonis* reveals insight into metabolism and pathogenesis
Alejandro Yañez, Southern University of Chile, Chile

Title: Single cell RNA seq reveals heterogeneity of *salmonella* and macrophage factors that control infection outcome
Roi Avraham, Broad Institute of MIT and Harvard, USA

Coffee Break @ Versailles Foyer

Title: Studies of evolution and genetics of metabolic functions by high-throughput methods in bacteria and their hosts
Joao Marcelo Pereira Alves, University of Sao Paulo, Brazil
Title: Is it cost effective to pool donations for Nucleic Acid Testing for HCV screening in Blood Banks from high prevalence communities?
Manal M Baddour, Alexandria University Faculty of Medicine, Egypt
Title: *In vivo* monitoring the intracellular pH variation upon Aspergillus fumigatus infection in single apoptotic human monocytes
Sara Mohebbi, Leibniz-Institute for Natural Product Research and Infection Biology, Germany
Title: Could have Brevibacillus a soil microbe transmuted in to a possible uropathogen?
Suneeva Sharon Christa A, VIT University, India
Title: Bacteriology and antibiotic sensitivity patterns of urine and biofilm in patients with indwelling urinary catheter in a tertiary hospital in Bangladesh
Mahabubul Islam Majumder, Comilla Medical College, Bangladesh

Lunch Break @ Monaco

Title: Epidemiology of tinea capitis at primary school children in Fayoum City-Egypt
Naglaa A. El Sherbiny, Fayoum University, Egypt
Title: Competition between invading pathogens and resident respiratory tract microbiota
Eric T. Harvill, Penn State University, USA
Title: ß-phenylethylamine as a novel inhibitor of *E. coli* biofilm
Birgit M Pruss, North Dakota State University, USA
Title: Lantibiotics from *Streptococcus salivarius* as potential antimicrobials
Koshy Philip, University of Malaya, Malaysia
Title: Nanotechnology incorporated to the development of tests aiming to the detection of bacterial pathogens
Ikonomopoulos John, Agricultural University of Athens Greece, Greece
Title: 3-nitrotoluene biomineralizationby diaphorobacter species
Gurunath Ramanathan, Indian Institute of Technology Kanpur, India
Title: Genetic diversity, host range and molecular analysis of the virulence determinants of *Escherichia coli* O157:H7 isolated from different sources
Collins Njie Ateba, North West University-Mafikeng Campus, South Africa

Coffee Break @ Versailles Foyer

Closing Ceremony