International Congress on
Bacteriology & Infectious Diseases
November 20-22, 2013   DoubleTree by Hilton Baltimore-BWI Airport, MD, USA

Scientific Program

Conference Series
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Day 1  November 20, 2013

08:00-08:30 Registrations

Harbor Room

conference-series.com  08:30-09:00

Opening Ceremony

Keynote Forum

09:00-09:05 Introduction
Gregory A. Buck
Virginia Commonwealth University, USA

09:05-09:30 Virginia Commonwealth University, USA

09:30-09:55 Fernando Villalta
Meharry Medical College, USA

09:55-10:20 Jean Pierre Changeux
Pasteur Institute, France

10:20-10:45 Dennis J. Helfritch
U.S. Army Research Laboratory, USA

Coffee Break 10:45-11:00 @ Ballroom Foyer

Track 1: Bacterial Pathogenesis, Virulence & Countermeasures
Session Chair: Menachem Shoham, Case Western Reserve University, USA
Session Co-Chair: Abu Salim Mustafa, Kuwait University, Kuwait

Session Introduction

11:00-11:20 Title: Antivirulence agents against bacterial pathogens
Menachem Shoham, Case Western Reserve University, USA

11:20-11:40 Title: Towards a mechanistic understanding of the roles of HipA and HipB in bacterial multidrug tolerance and persistence
Richard G. Brennan, Duke University School of Medicine, USA

11:40-12:00 Title: From environment to man: is Aeromonas infection an accident or a stopover on the adaptation road?
Brigitte Lamy, Montpellier University, France

12:00-12:20 Title: Mycobacterial manipulation of the host innate immune response
Cory M. Robinson, University of South Carolina, USA

12:20-12:40 Title: A new paradigm for genus Mycobacterium population structure
Paul Jeffrey Freidlin, The National Public Health Laboratory, Israel

12:40-13:00 Title: Stenotrophomonas maltophilia: a world-wide emerging multiple-drug-resistant opportunistic pathogen
Joanna S. Brooke, DePaul University, USA

13:00-13:20 Title: Mycobacterial manipulation of the host innate immune response
Robert J. Maier, University of Georgia, USA

Lunch Break 13:20-14:05 @ Eden’s Landing Restaurant

14:05-14:25 Title: FOXA2 inactivation by bacterial pathogens and excessive mucus in chronic airway diseases
Gee W Lau, University of Illinois at Urbana Champaign, USA

14:25-14:45 Title: Phenotypic and immunologic characteristics of Salmonella lacking RNA modification enzymes
Amin A Fadl, University of Wisconsin Madison, USA

14:45-15:05 Title: Physiological role of the mycobacterial pnp proteosome
Eyal Gur, Ben Gurion University of the Negev, Israel

15:05-15:25 Title: Modulation of immunization via cholinergic nervous system using HI-6
Miroslav Pohanka, University of Defense, Czech Republic

15:25-15:45 Title: Identification and characterization of a putative mega polysaccharide gene cluster in Enterococcus faecium
Turkan Sakinc, University of Freiburg Medical Center, Germany

15:45-16:05 Title: Hydrogen-stimulated carbon catabolism in enteric pathogens Salmonella and Shigella
Robert J. Maier, University of Georgia, USA

Coffee Break 16:05-16:20 @ Ballroom Foyer

16:20-16:40 Title: Contribution of host thrombosis and fibrinolytic cascades to the pathogenesis of gram-positive infections
Peter Panizzi, University of Maryland, USA

16:40-17:00 Title: Antibody orientation at bacterial surfaces has implications for both mild and severe infections
Ponntus Nordenfelt, Harvard University, USA

17:00-17:20 Title: Role of the polysaccharide capsule in Bordetella pertussis virulence: A novel capsule-mediated virulence mechanism in a bacterial pathogen
Abu Salim Mustafa, Kuwait University, Kuwait

17:20-17:40 Title: The use of different laboratory methods in diagnosis of Helicobacter pylori infection a comparative study
Sylvie Alonso, National University of Singapore, Singapore

17:40-18:00 Title: Acquired Immune Deficiency Syndrome (AIDS), Diabetes Mellitus and Tuberculosis: A challenging scenario
Nermin H. Ibrahim, King Saud University, Saudi Arabia

18:00-18:20 Title: Investigating the role of natural killer cells during Mycobacterium tuberculosis infection by using a mouse model of subcutaneous infection of Bacillus Calmette Guerin (BCG)
Min Fang, CAS Key Laboratory, P.R.China

18:20-18:40 Title: Role of the polysaccharide capsule in Bordetella pertussis virulence: A novel capsule-mediated virulence mechanism in a bacterial pathogen
Sylvie Alonso, National University of Singapore, Singapore

18:40-18:45 Title: From environment to man: is Aeromonas infection an accident or a stopover on the adaptation road?
Brigitte Lamy, Montpellier University, France

Closing Session