



INTERNATIONAL CONFERENCE ON MITIGATION STRATEGIES FOR EMERGING INFECTIOUS DISEASES

Cali, Colombia • October 19-21, 2016 • Unleashing Innovation

<http://orionbio.com/caliconf2016/>

Program At Glance

October 19, 2016		
06:00 PM	Registration-Badge Pickup	
07:15 – 07:30 PM	Welcoming Remarks of the Chairs (Tentative Welcome from Local Authorities)	Willy Valdivia-Granda/Juergen Richt Orion Integrated Biosciences Inc. (USA) Kansas State University (USA)
07:30 – 09:00 PM	Dinner Discussion: Colombia, Unfolding Events, Security, Economy and Peace	Venue: Marriot Hotel
October 20, 2016 Morning Session		
Zika Virus Epidemiological Status and Countermeasures, Session Chair: Juergen Richt		
08:00 – 08:30 AM	Update of the Health Status of Cali's Health Network in Response to Infectious Diseases	Alex Duran, City of Cali Secretary of Health (Cali, Colombia)
08:30 – 09:15 AM	Zika virus and microcephaly epidemiological survey	Diana Valencia US Centers for Disease Control and Prevention (Atlanta, USA)
09:15 – 10:00 AM	Epidemiological assessment of Zika-Dengue and Chikungunya Co-infections in Colombia	Alfonso J. Rodríguez-Morales, Univ. Tecnológica de Pereira (Pereira, Colombia)
10:00 – 10:45 AM	Rapid Viral Detection using Fluorescent <i>in situ</i> hybridization (FISH) and fluorescent micro agglutination (FMA)	Jim Phillips, Garret Morris Biotrack Diagnostics Inc. (Texas, United States)
10:45 – 11:00 AM	Coffee Break	
11:00 – 11:45 AM	Portable DNA Sequencing of Serum Samples for Zika-virus and microbial co-infection molecular profiling	Willy A. Valdivia-Granda Orion Integrated Biosciences Inc. (New York, USA)
11:45 – 12:30 PM	Friendly Aedes: The genetically-mosquito to fight <i>Aedes aegypti</i>	Fradique González Villalobos, Oxitec Ltd (Abingdon, United Kingdom)
12:30 – 1:30 PM	Lunch	Venue: Marriot Hotel
October 20, 2016 Evening Session		
Biosurveillance and Epidemiological Assessments of Infectious Diseases Session Chair: Roy Carter		
01:30 – 02:00 PM	Update of the Health Status of Buenaventura's Health Network in Response to Infectious Diseases	Félix Riascos Brome, City of Buenaventura Secretary of Health (Buenaventura, Colombia)
02:15 – 03:00 PM	International Networks for Biosurveillance	Leonard F. Peruski, US Centers for Disease Control and Prevention (Atlanta, USA)
03:00 – 03:45 PM	Integrated Biosurveillance System for Emerging Pathogens	Jeffrey Runge, Univ. of North Carolina School of Medicine (North Carolina, USA)
03:45 – 04:00 PM	Coffee Break	
		Venue: Marriot Hotel

04:00 – 04:45 PM	Optimizing Public Health Laboratory Network	Jennifer Gaudioso, Sandia National Laboratories (Mew Mexico, USA)
04:45 – 05:30 PM	Integrated system for the design and evaluation of strategies for prevention and control of dengue, Chikungunya and Zika	Clara Ocampo, CIDEIM (Cali, Colombia)
05:30 – 6:30 PM	Panel: The viability of biological control using <i>Wolbachia</i> and transgenic mosquitoes.	Alex Duran, City of Cali Secretary of Health Clara Ocampo, CIDEIM (Cali, Colombia) Fradique González Villalobos, Oxitec Ltd (Abingdon, United Kingdom)
08:00 PM	Dinner, Refreshments and Cocktails	Venue: Platillos Voladores
October 21, 2016 Morning Session		
Animal Pathogens: The Human Link		
Session Chair: Willy Valdivia-Granda		
08:00 – 08:45 AM	Discovering New Emerging Pathogens in Humans, Gorillas and Livestock in the African Continent	David Hayman, Massey University, (Wellington, New Zealand)
08:45 – 09:30 AM	Combining the Biofilm Paradigm and the Distributed Genome Hypothesis provides a Rubric for Understanding Chronic Bacterial Pathogenesis	Garth D. Ehrlich, Drexel University College of Medicine (Pennsylvania, USA)
09:30 – 10:15 AM	Epidemiological Surveillance of Bacterial and Viral Pathogens in Livestock in Colombia	Claudia Patricia Calderon Parra, National Lab. for Veterinary Diagnostics (Bogota, Colombia)
10:15 – 10:30 AM	Coffee Break	Venue: Marriot Hotel
10:30 – 11:15 AM	Pathogen Concentration: Implications in Molecular Diagnostics and Epidemiological Assessment	Francisco Veas Université de Montpellier, (Montpellier, France)
11:30 – 12:15 AM	Programmatic Overview of the Center of Excellence for Emerging and Zoonotic Animal Diseases	Juergen Richt, Kansas State University, (Kansas, USA)
12:30 – 02:00 PM	Lunch	Venue: Marriot Hotel
October 21, 2016 Evening Session		
Countermeasures for Infectious Diseases		
Session Chair: David Hayman		
02:00 – 02:45 PM	Current Status of Aquaculture Pathogens in Colombia	Paola Andrea Barato Gomez, National Lab. for Veterinary Diagnostics (Bogota, Colombia)
02:45 – 03:15 PM	Emerging Marine Pathogens, Genomic Characterization of <i>Vibrio vulnificus</i> and <i>Vibrio parahaemolyticus</i>	Roy Carter, Marine Bio-Technology Cent of Innovation (North Carolina, USA)
03:15 – 04:00 PM	Infectious Diseases & Public-Private-University-Government Partnerships, Legal Aspects	Mónica A. Bonnet, Pose Herrera Ruiz Abogados (Bogotá, Colombia)
04:00 – 04:15 PM	Coffee Break	Venue: Marriot Hotel
04:15 – 05:00 PM	Gain of Function, Implications for Biosecurity	Venkat Rao, Parson Inc. (Virginia, USA)
05:00 – 05:45 PM	Current Progress in the Development of New Vaccines for Influenza virus	Igor Morosov Kansas State University (Kansas, USA)
05:45 – 06:00 PM	Business Session for CaliCONF-2017	
07:30 – 09:30 PM	Dinner, Refreshments and Cocktails	Venue: Movich