



Venue

Cali Marriott Hotel

Avenida 8 Norte No 10-18

Cali, Valle del Cauca, Colombia

4th Conference on Mitigation Strategies for Infectious Diseases Cali, Colombia Schedule-at-a-Glance

Monday November 12, 2018		
05:30 – 07:00 PM	Registration & Badge Pickup Venue: Marriott Hotel	
07:30 – 09:30 PM	Welcoming Remarks of the Organizers This session is by invitation only	Milena Banguero, Colombia Alex Duran, Colombia Paola Barato, Colombia David Hayman, New Zealand Willy A. Valdivia, USA Jüergen Richt, USA
Tuesday November 13, 2018 Morning Session		
08:00 AM-04:00 PM	Registration & Badge Pickup Venue: Marriott Hotel, Salon Cartago	
Molecular Evolution and Genomics of Infectious Diseases Moderator: Paola Barato Gómez, Corporación Patología Veterinaria (CORPAVET) (Bogota ,Colombia) Juergen Richt, Kansas State University, (Kansas, USA)		
08:45 – 09:00 AM	Welcoming Remarks of the Regional Health Authority	Maria Cristina Lesmes, Secretary of Health of the Valle del Cauca (Cali, Colombia)
09:00 – 09:30 AM	Cali's Health Network in Response to Infectious Diseases	Alex Duran, City of Cali Secretary of Health (Cali, Colombia)
09:30 – 10:15 AM	Keynote: Ebola in West Africa: Lessons Learned for Global Public Health	Heinz Feldmann, BSL-4 Laboratory of Virology, National Institutes of Health (Montana, USA)
10:15 – 10:45 AM	Role of glycosylation on Protective Function of ZMapp Antibody 13C6 against Ebola	Gene Olinger, MRI Global (Missouri, USA)
10:45 – 11:00 AM	Coffee Break	Venue: Marriot Hotel
11:00 – 11:30 AM	Preparedness to Provide Rapid Response to Emerging Outbreaks. PANDORA & EPIRISK-Ebola	Francisco Veas, French Research Inst. for Development (Montpellier, France)
11:30 – 12:00 AM	Rapid Deployment of Molecular Testing – From the Lab to the Sample	Max Perelman, Biomeme (Pennsylvania, USA)
12:00 – 02:00 PM	Lunch	Venue: Marriot Hotel



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Center of Excellence
for Emerging and Zoonotic Animal Diseases

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Tuesday November 13, 2018 Afternoon Session

Pathogens in Aquatic Environments

Chair: Yolanda Revilla, Centro de Biología Mol. Severo Ochoa (Madrid, Spain)

Max Perelman, Biomeme (Pennsylvania, USA)

02:00 – 02:45 PM	Keynote: Epidemiological assessment and DNA Sequencing of TiLV from Colombian Tilapia Farms using Motif Fingerprints	Paola Barato Gómez, Corporación Patología Veterinaria (CORPAVET) (Bogota ,Colombia)
02:45 – 03:15 PM	SISPISCICOLA, System of Epidemiological Evaluation and Prediction of Disease Outbreaks in Tilapia	Carlos Iregi, National University of Colombia (Bogota, Colombia)
03:15 – 03:30 PM	Coffee Break	Venue: Marriot Hotel
03:30 – 04:15 PM	Panel Discussion: TiLV in Colombia. Integrative Steps to Minimize Impact in Colombia Moderator: Milena Bangero,	Paola Barato, CopraVet (Bogota, Colombia) Luis Ignacio Libreros, PezCo (Florida, USA)
07:00 – 09:30 PM	Welcoming Reception by Local Authorities (By Invitation Only)	
07:00 – 07:15 PM	Welcoming Remarks by the Governor	Dylian Francisca Toro, Governor of the Valle del Cauca (Cali, Colombia)
07:15 – 07:30 PM	What CaliCONF is trying to Accomplish?	Willy A. Valdivia, Orion Integrated Biosciences Inc. (New York, USA)
07:30 – 08:15 PM	The Venezuelan Diaspora: a nation-States issue? Data and implications for Colombia and Latin America.	Dinner Keynote Speaker: Luis Fernando Baron Porras ICESI University (Cali, Colombia)
08:30 – 10:00 PM	Social	

Wednesday November 14, 2018 Morning Session**Natural Reservoirs of Emerging Pathogens****Chairs: Francisco Veas, French Research Inst. for Development (Montpellier, France)****Willy. A. Valdivia, Orion Integrated Biosciences Inc. (New York, USA)**

08:30 – 09:00 AM	Understanding Arbovirus Evolution to Inform Mitigation Strategies	William C. Wilson, United States Department of Agriculture (Kansas, USA)
09:00 – 09:30 AM	Challenges for the Surveillance of Emerging Infectious Diseases in Remote Rural Communities	Juan C Dib, Universidad del Norte (Santa Marta, Colombia)
09:30 – 10:00 AM	Zika In Infants and Pregnancy (ZIP) Study: Implementing a Study of Influenza and Arbovirus Co-infections in Pregnant Women During a Zika Outbreak in Colombia	Juan Fernando Arias, St. Jude Children's Research Hospital (Memphis, Tennessee)
10:00 – 10:30 AM	Lessons Learned after Three Years of Chikungunya and Zika in the Americas. What is the future of Arboviral Epidemics in the Americas	Alfonso Rodriguez Technical University of Pereira (Pereira, Colombia)
10:30 – 10:45 AM	Coffee Break	Venue: Marriot Hotel
10:45 – 11:15 AM	NGS for Detection Purposes: Easy to say, difficult to put into Practice	Guy Van Den Eende, Health, Consumers & Reference Materials. European Commission (Brussels, Belgium)
11:15 – 12:00 PM	Comparative Gene Expression Studies Among Long-term Ebola Survivors	Garth D. Ehrlich, Drexel University (Pennsylvania, USA)
12:00 – 12:30 PM	The Pennsylvania State University - Applied Biological & Biosecurity Research Laboratory Global Health Security Vision	Madelaine Sumera, Pennsylvania State University (Pennsylvania, USA)
12:30 – 02:00 PM	Lunch	Venue: Marriot Hotel

Wednesday November 14, 2018 Afternoon Session**Biosecurity and Biosurveillance****Chairs: Milena Banguero, Secretary of Agriculture (ex-officio) (Cali, Colombia)****Klaus Osterrieder, Institut für Virologie (Berlin, Germany)**

02:00 – 02:30 PM	Emerging Plant Pathogens: Biosecurity Implications	James Stack, Biosecurity Research Institute, KSU (Kansas, USA)
02:30 – 03:00 PM	Colombian Agricultural Exports	Beatrice López Cabrera ProColombia (Cali, Colombia)
03:00 – 03:15 PM	Coffee Break	Venue: Marriot Hotel
03:15 – 03:45 PM	Rapid Biosurveillance of Emerging Infectious Diseases. Taking the Lab to the Field	Christopher Detter, MRI Global (Missouri, USA)
03:45 – 04:15 PM	RIGEL: A Global Awareness System to Mitigate Human, Animal and Plant Infectious Diseases and Pests	Willy A. Valdivia, Orion Int. Biosciences (New York, USA)
04:15 – 04:45 PM	Biosurveillance of Staphylococcus aureus in Cattle in the Valle del Cauca	Juan Carlos Gomez Lopez Universidad Libre (Cali, Colombia)



Thursday November 15, 2018 Morning Session

Mitigation Strategies for Infectious Diseases

Chairs: James Stack, Biosecurity Research Institute

William Wilson, United States Department of Agriculture (Kansas, USA)

09:00 – 09:30 AM	Characterization of the Development of Tonsillar Microbiome in Pig	Luis Carlos Peña Cortes, Universidad de Pamplona (Santander, Colombia)
09:30 – 10:00 AM	Mitigation Strategies to Counter African Swine Fever Virus	Yolanda Revilla, Centro de Biología Mol. Severo Ochoa (Madrid, Spain)
10:00 – 10:30 AM	Generation of MLV vaccines by Bicodon Deoptimization - Towards a Mechanistic Understanding	Klaus Osterrieder, Institut für Virologie (Berlin, Germany)
10:30 – 11:00 AM	Mass Applicable Vaccines against Highly Pathogenic Influenza Viruses	Juergen Richt, Kansas State University, (Kansas, USA)
11:00 – 11:15 AM	Coffee break	Venue: Marriot Hotel
11:15 – 12:00 PM	Risk Scenario Analysis: Introduction of African Swine Fever Virus in Colombia. Trade Implications Moderator: Willy A. Valdivia (New York, USA)	Yolanda Revilla (Madrid, Spain) Guy Van Den Eende, (Brussels, Belgium) Juergen Richt (Kansas, USA) Romel Lapitan, U.S. Customs and Border Protection (Washington DC, USA)
12:00 – 02:00 PM	Lunch	Venue: Marriot Hotel
02:00 – 02:45 PM	Keynote: A Holistic Approach for Mitigating Infectious Diseases	Adolfo Garcia Sastre, Icahn School of Medicine at Mount Sinai (New York, USA)
02:45 – 03:15 PM	Development of Vaccines for Arboviruses	Ana Fernandez-Sesma, Icahn School of Medicine at Mount Sinai (New York, USA)
03:15 – 03:45 PM	Mathematical Models for Dengue Prevention and Control	Olga Vasilieva, Universidad del Valle (Cali, Colombia)
03:45 – 04:15 PM	Coffee break	Venue: Marriot Hotel
04:15 – 05:00 PM	Panel: Rapid Response of Emerging Trends How to Build Capacity in an Interconnected World Moderator: Juergen Richt (New York, USA)	Evan Skowronski, TMG Biosciences, LLC (Texas, USA) Elaine Sumera, PSU (Pennsylvania, USA) Gene Olinger, MRI Global (Missouri, USA)

Closing Remarks

Willy A. Valdivia, Orion Integrated Biosciences Inc. (New York, USA)