

Thursday, February 19

Opening Plenary Session

Moderator: Dr. Major Dhillon, President, American Mosquito Control Association

8:00 - 8:05 am Welcome from Chatham County

Mr. Peter Liakakis, Chairman, Chatham County Commissioners

8:05 - 8:15 am Welcome from American Mosquito Control Association

Dr. Major Dhillon, President, AMCA

8:15 - 8:25 am Welcome from Division of Vector-Borne Infectious Diseases

Dr. Lyle Petersen, Director, DVBID

8:25 - 8:35 am One Health in Action - National Center on Zoonotic and Vector-Borne Diseases

Dr. Ali Khan, Deputy Director, NCZVED

8:35 - 9:15 am Ten Years of WNV in the U.S. - A Historical Perspective

Dr. Roger Nasci, Chief, Arboviral Diseases Branch, DVBID

9:15 - 9:30 am Break

Session 1: Epidemiology

Moderator: Dr. Marc Fischer, Surveillance and Epidemiology Chief, DVBID, CDC

9:30 - 10:30 am WNV Surveillance and Epidemiology – U.S. and Tropical Americas

Dr. Erin Staples, Medical Officer, DVBID, CDC

10:30 - 11:00 am WNV Surveillance and Epidemiology – Canada

Dr. Peter Buck, Public Health Agency of Canada

11:00 - 11:30 am Environmental Surveillance – Avian Mortality

Dr. Nick Komar, Research Biologist, DVBID, CDC

Lunch and Poster Session I

Authors of odd numbered posters will be present

11:30 - 1:30 pm Atrium, Lobby Level, Marriott

Session 2: Clinical Outcomes of WNV Infection

Moderator: Dr. Annie Fine, New York City Department of Health and Mental Hygiene

1:30 - 2:30 pm Impact of WNV Infection on Human Health

Dr. James Sejvar, Division of Viral and Rickettsial Diseases, CDC

2:30 - 3:00 pm WNV Blood Screening and Observations on Immune Response and Pathogenesis

Dr. Michael Busch, Director, Blood Systems Research Institute

3:00 - 3:30 pm WNV Disease in Non-Human Vertebrates

Dr. Richard Bowen, Colorado State University

3:30 - 4:00 pm Break

Session 3: Ecology

Moderator: Dr. Harry Savage, Ecology and Entomology Activity Chief, DVBID, CDC

4:00 – 4:40 pm WNV Ecology in Temperate Areas

Dr. William Reisen, Center for Vector-Borne Diseases, University of California, Davis

4:40 – 5:10 pm WNV Ecology in Tropical Areas

Dr. Maria Eugenia Morales, Laboratory of Ecology of Arboviral and Zoonotic Diseases, Universidad del Valle de Guatemala

5:10 – 5:30 pm WNV Risk Models

Dr. Lars Eisen, Colorado State University

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Session 4: Virology

Moderator: Dr. John Roehrig, Distinguished Consultant, DVBID, CDC

8:00 - 8:40 am WNV Structure, Replication, Immunity, and Pathogenesis

Dr. Michael Diamond, Washington University School of Medicine

8:40 - 9:20 am Vector and Viral Genetics: Impact on WNV Transmission

Dr. Laura Kramer, New York State Department of Health

9:20 - 10:00 am Evolution and Phylogeny

Dr. Robert Lanciotti, Diagnostic and Reference Activity Chief, DVBID, CDC

10:00 – 10:30 am Break

Session 5: Prevention and Control

Moderator: Thomas Wilmot, Midland County Mosquito Control

10:30 – 11:10 am Surveillance and Response – The California Model

Dr. Vicki Kramer, California Department of Public Health

11:10 – 11:35 am Developments in Community Education and Repellents
Dr. Emily Zielinski-Gutierrez, Behavioral Scientist, DVBID, CDC

11:35 – 11:50 am AMCA Community Outreach: The “I’m One” Program
Joseph Conlon, American Mosquito Control Association

11:50 – 12:30 pm WNV Vaccines
Dr. Jeffrey Chang, Research Microbiologist, DVBID, CDC

Lunch and Poster Session II
Authors of even numbered posters will be present
12:30 – 2:30 pm Atrium, Lobby Level, Marriott

Session: 6: Global Arbovirus Threats and Closing
Moderator: Dr. Duane Gubler, Director, Program on Emerging Infectious Diseases,
Duke-NUS Graduate Medical School

2:30 - 3:10 pm Overview of Emerging Arboviruses
Dr. Ann Powers, Phlavivirus Laboratory Chief, DVBID, CDC

3:10 - 3:50 pm Climate Change and Arbovirus Disease Transmission
Dr. Jeffrey Shaman, College of Oceanic and Atmospheric Sciences, Oregon State
University

3: 50 - 4:00 pm Closing Comments
Dr. Lyle Petersen, Division Director, DVBID, CDC
Breakout Discussion Sessions

4:00 – 6:00 pm Diagnostic Algorithms
Moderator: Rob Lanciotti
Chatham Room, Second Level

ArboNET/Surveillance
Moderator: Marc Fischer
Pulaski Room, Second Level

Treatment Trials
Moderator: Jim Sejvar
Telfair Room, Second Level

Ecological Surveillance
Moderator: Nick Komar
Franklin Room, Second Level