



ASTMH Clinical Pre-Meeting Course:

Zoonotic and Vector-borne Diseases in an Era of Climate Change: A One Health Perspective

November 18, 2026

8:30 a.m. – 4 p.m. (Eastern Time)

Gaylord National Harbor

National Harbor, Maryland

This Pre-Meeting Course brings together leading global experts to address the growing impact of climate change on the emergence, spread, diagnosis, prevention, and management of zoonotic and vector-borne diseases. Using a One Health perspective, participants will gain practical, evidence-based updates on major infections, including arboviral diseases, tick-borne diseases, rabies, viral hemorrhagic fever, and echinococcosis. The course will highlight changing epidemiology, clinical management, outbreak preparedness, and multidisciplinary strategies to mitigate the impact of these emerging infectious threats.

This timely course is essential for clinicians, researchers, and public health professionals involved in tropical and travel medicine worldwide.

Course Co-Chairs

Sapha Barkati, MD, MSc, FRCPC, DTM&H, Associate Professor, Division of Infectious Diseases, Department of Medicine, Faculty of Medicine and Health Sciences, and Associate director- Education, J.D. MacLean Centre for Tropical and Geographic Medicine, Director, Training Program in Infectious Diseases and Medical Microbiology, McGill University, Montréal, Quebec, Canada

Miguel Cabada, MD, MSc, FASTMH, Associate Professor, Division of Infectious Diseases, University of Texas Medical Branch, Galveston, Texas, United States and Director, UPCH and UTMB Collaborative Research Center – Cusco Universidad Peruana Cayetano Heredia, Lima, Peru

8:45 a.m. – 9 a.m.

Introduction

Sapha Barkati, MD, MSc, FRCPC, DTM&H, McGill University, Montréal, Quebec, Canada

Miguel Cabada, MD, MSc, FASTMH, University of Texas Medical Branch, Galveston, Texas, United States

9 a.m. – 10 a.m.

Rabies in a Changing World: A One Health Approach to Prevention, Diagnosis, and Control

Reeta S. Mani, MD, WHO Collaborating Centre for Reference and Research on Rabies, Bangalore, India

- 10 a.m. – 11 a.m. **Overview of Ebola and One Health Challenges**
Mark G. Kortepeter, MD, MPH, FASTMH, Uniformed Services University of the Health Sciences, Potomac, Maryland, United States
- 11 a.m. – 11:30 a.m. **Break**
- 11:30 a.m. – 12:30 p.m. **Arboviruses Without Borders: Emerging Threats in Travel and Global Health**
David H. Hamer, MD, FASTMH, Boston University School of Public Health, Cambridge, Massachusetts, United States
- 12:30 p.m. – 1:45 p.m. **Lunch**
- 1:45 a.m. – 2:45 p.m. **The Expanding Landscape of Rickettsial Diseases**
Lucas S. Blanton MD, University of Texas Medical Branch, Galveston, Texas, United States
- 2:45 p.m. – 3:45 p.m. **Alveolar Echinococcosis: A Multidisciplinary Approach to Diagnosis and Care**
Dave Waldner, MD, MSc, FRCPC, DTM&H, University of Alberta, Alberta, Canada
- 3:45 p.m. – 4 p.m. **Final words**
Sapha Barkati, MD, MSc, DTM&H
Miguel Cabada, MD, MSc, FASTMH