

Welcome

Clinical Group Pre-Meeting Course 2025

Challenges in the Treatment of Tropical Diseases: Emerging Resistance and Difficult to Manage Infections



November 9, 2025

1

Co-Chairs

Sapha Barkati, MD, MSc, FRCPC, DTM&H, CTropMed®

Associate Professor, Division of Infectious Diseases, Department of Medicine, Faculty of Medicine and Health Sciences McGill University, Montréal, Quebec, Canada

Educational Director, J.D. MacLean Centre for Tropical and Geographic Medicine, McGill University, Montréal, Quebec, Canada

Miguel Cabada, MD, MSc, FASTMH, FIDSA

Director (ad interim) and Associate Professor, Division of Infectious Diseases, University of Texas Medical Branch, Galveston, Texas, United States

Director, Cusco Branch – Alexander von Humboldt Tropical Medicine Institute, Universidad Peruana Cayetano Heredia, Cusco, Peru



2

Housekeeping

Raise your hand to ask a question during the question period

Be prepared to interact during case presentations!

Evaluation and link to claim CME will be e-mailed after the course ends



3

Objectives



1. Recognize the clinical, diagnostic, and therapeutic challenges associated with complex tropical and travel-related infections in the context of emerging drug resistance and evolving epidemiologic patterns.
2. Evaluate current and emerging treatment strategies—including medical, surgical, and interventional approaches—to manage refractory or treatment-failure cases of parasitic and bacterial infections.
3. Apply evidence-based and practical approaches to improve clinical decision-making, optimize patient outcomes, and adapt management strategies to resource-limited and high-burden settings.
4. Foster interdisciplinary collaboration and knowledge exchange among clinicians, researchers, and public health professionals to address global challenges in diagnosis, treatment, and control of resistant tropical infections.



4

Morning 9h00-12h15

Complex Cestode Infections
Christina Coyle, MD, MS

Drug Resistant Sexually Transmitted Infections
Jodie A. Dione, MD, MSPH

Treatment Failure in Nematode and Trematode Infections
Carlos Seas, MD

Resistant Giardia Infections
Michael Libman, MD



5

Afternoon 13h30-17h00

Chagas Treatment in Special Hosts
Maria do Carmo Pereira Nunes, MD, PhD

Challenges in the Treatment of New World Mucocutaneous Leishmaniasis
Carolina Talhari Cortez MD, PhD

Diagnosing AMR to Guide Treatment: What Bacterial Diagnostics are Available in Low-Resource Settings - Bottlenecks and Opportunities
Cédric Yansouni, MD, FRCPC, DTM&H

Complicated and Resistant Malaria
Katherine Plewes, MD, PhD



6
