

The Inaugural Inter-CFAR Mycobacteria Symposium



Purpose

A hybrid, synergistic symposium focused on the intersection of clinical and research topics in TB, non-tuberculous mycobacteria, and TB/HIV co-infection.

Sponsored by

Harvard University CFAR and Providence/Boston CFAR

Registration link

<https://fs3.formsite.com/divofaids/Inter-CFAR-Symp/index.html>

Organizing committee

Amy Barczak, MD
Rocio Hurtado, MD, DTM&H
Karen Jacobson, MD, MPH

AGENDA

SESSION 1 (1 – 2:35pm ET)

1:00	Organizing committee	Welcome remarks
1:05	Jennifer Furin, MD, PhD Director of Capacity Building at the Sentinel Project on Pediatric Drug-Resistant Tuberculosis; Lecturer, Dept. of Global Health and Social Medicine, Harvard Medical School; Assistant Professor, Division of Infectious Diseases, Case Western Reserve University, Cleveland, OH	“Drug Resistant-TB in pregnancy and children”
1:20	Silvia S. Chiang, MD, ScM Assistant Professor, Department of Pediatrics, Alpert Medical School of Brown University, Center for International Health Research of Rhode Island Hospital; Attending Physician, Pediatric Infectious Diseases, Hasbro Children’s Hospital	“Adherence to tuberculosis treatment among adolescents in Lima, Peru”
1:35	Helen E. Jenkins, PhD Associate Professor, Department of Biostatistics, Boston University School of Public Health	“Learning about tuberculosis recurrence from national data”
1:50	Maha Farhat, MD, Msc Associate Professor of Biomedical Informatics, Harvard Medical School; Associate Physician Pulmonary and Critical Care Medicine, Massachusetts General Hospital	“Machine learning to quantitatively predict resistance in M. tuberculosis: can it help us protect Bedaquiline?”
2:05	Bryan D. Bryson, PhD Associate Professor, Department of Biological Engineering, Massachusetts Institute of Technology; Member, Ragon Institute of MGH, MIT and Harvard	“Dissecting macrophage granuloma dynamics”

2:20	Amy Barczak, MD Assistant Professor of Medicine, Harvard Medical School; Director of Research, Infectious Diseases Division, Massachusetts General Hospital; Member, Ragon Institute of MGH, MIT and Harvard	“Targeting tissue pathology in TB treatment”
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COFFEE BREAK: 2:35 PM

SESSION 2 (3:00 – 5:00pm)

3:00	Rocio Hurtado, MD DTM&H Director, Mycobacterial Center, Division of Infectious Diseases, Massachusetts General Hospital; Assistant Professor of Medicine, Harvard Medical School; Assistant Professor of Immunology and Infectious Diseases, Harvard T.H. Chan School of Public Health Global Health Committee	“Overview of NTM-related challenges in clinical practice”
3:15	Chidiebere Akusobi, MD, PhD Resident in Internal Medicine, Massachusetts General Hospital, Harvard Medical School	“High-density transposon mutagenesis in mycobacterium abscessus identifies an essential penicillin-binding protein involved in septal peptidoglycan synthesis and antibiotic sensitivity”
3:30	Karen R. Jacobson, MD, MPH Associate Professor of Medicine, Section of Infectious Diseases, Boston University School of Medicine and Boston Medical Center	“Novel strategies to understand tuberculosis transmission among persons who smoke illicit drugs”
3:45	Laura F White, PhD Professor of Biostatistics, Department of Biostatistics, Boston University School of Public Health; Center for Emerging Infectious Disease, Boston University	“Understanding tuberculosis transmission through the integration of multiple data sources”

4:00	Ruvandhi Nathavitharana, MD MPH Division of Infectious Diseases, Beth Israel Deaconess Medical Center; Associate Director, BIDMC IM Social Justice Pathway, Beth Israel Deaconess Medical Center; Assistant Professor of Medicine, Harvard Medical School; Chair, TB Proof	“Preventing TB transmission in facilities”
4:15	Adrienne Shapiro, MD PhD Assistant Professor, Departments of Global Health and Medicine (Division of Infectious Diseases), University of Washington	“HIV-TB initiatives and integration into the cascade of care”
4:30	Anne E. Goldfeld, MD Professor of Medicine and Pediatrics, Harvard Medical School; Senior Investigator, Program in Cellular and Molecular Medicine, Boston Children’s Hospital; Physician, Infectious Disease Division, Brigham and Women’s Hospital; Professor of Immunology and Infectious Diseases, Harvard T.C. Chan School of Public Health; President, Global Health Committee	“Insights from the CAMELIA trial in HIV-TB Immunology”
4:45	Organizing committee	Wrap up & final remarks!

HORS D’OEUVRES & LIGHT REFRESHMENTS: 5:00 PM

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