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 leaning 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"

COFFE 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'OUEVRES & LIGHT REFRESHMENTS: 5:00 PM

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