



Johns Hopkins Center for Tuberculosis Research & TRAC Annual Meeting
Sheldon Hall (W1214) Johns Hopkins Bloomberg School of Public Health
Wednesday, May 28, 2025



8:45–9:00 am 15 min	Welcome ➤ Richard E. Chaisson, MD	Sheldon Hall (W1214)
9:00–10:00 am 1 hr	Session 1 10 minute presentations & Q&A ➤ Moderator: Eric Nuermberger, MD	<ol style="list-style-type: none">1. Benjamin Koleske, BA, MD/PhD Candidate: Loss of the <i>PPE71-esxX-esxY-PPE38</i> locus drives adaptive transcriptional responses and hypervirulence of <i>Mycobacterium tuberculosis</i> Lineage 22. Darla Quijada, PhD Candidate – <i>M. tuberculosis</i> effects on mitochondrial cell death signaling in macrophages3. Carlos Ruiz-Gonzalez, MD, Postdoctoral Research Fellow: MRI-Based Assessments of Novel Therapies in a Mouse Model of Tuberculous Meningitis4. Kathirvel Maruthai, PhD, Postdoctoral Fellow: Tuberculosis and Diabetes: Exploring the Interplay of Hyperglycemia and Macrophage Dysfunction
10:00–10:30 am 30 min	Break	Anna Baetjer (W1030) – <i>Coffee & Pastries</i>
10:30–11:30 am 1 hr	Session 2 10 minute presentations & Q&A	<ol style="list-style-type: none">1. Abhay Balkrishna Kadam, MA: Point-of-care spirometry among TB survivors in programmatic and community settings in Pune, India: opportunities and challenges2. Samyra R. Cox, PhD, MPH: TB Aftermath Trial: Phone screening compared to home-based screening post TB3. Evelyn Lepka de Lima, MD, MPH: Tuberculosis Recurrence and Associated Factors: A 12-Year Population-Based Cohort Study in Brazil
11:30–12:00 30 min	Break	Anna Baetjer (W1030)
12:00–12:30 pm 30 min	The Maria Nikitin Memorial Lecture	Sheldon Hall (W1214) <i>Prioritizing marginalized populations in responding to the global tuberculosis epidemic: Returning to the why</i> ➤ Jason Andrews, MD Professor of Infectious Diseases and Geographic Medicine Department of Medicine, Stanford University
12:30–1:30 pm 1 hr	Lunch	Anna Baetjer (W1030)



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1:30–2:15 pm 45 min	Session 3: TRAC Year 1 Developmental Awardee Presentations 10 minute presentations & Q&A ➤ Moderator: Jonathan Golub, PhD, MPH	<ol style="list-style-type: none">1. Styliani Karanika, MD: Innovative Host-Directed Therapies for Tuberculosis: Enhancing Treatment Outcomes in Preclinical Studies2. Subhra Chakraborty, PhD, MPH: Development of a simple and rapid diagnostic test for pediatric tuberculosis3. Jeffrey Tornheim, MD, MPH: Determination of the mid-treatment molecular clock for MDR-TB
2:15–2:45 pm 30 min	Break	Anna Baetjer (W1030) – <i>Coffee & Pastries</i>
2:45–4:00 pm 1 hr 15min	Session 4 10 minute presentations & Q&A ➤ Moderator: Petros Karakousis, MD	<ul style="list-style-type: none">➤ Joowhan Sung, MD, MSc: Should TB screening include targeted screening for hypertension? Computer-aided detection of cardiomegaly in Uganda➤ Evan Shirey, MD: Evaluation of Risk Factors for TB Infection Among Household Child and Adolescent Contacts in South Africa➤ Woojae Choi, MD, MPH: Clinical Impact of Dose-Intensified Tuberculosis Treatment Using Therapeutic Drug Monitoring and N-acetyltransferase 2 Testing in the United States➤ Medha Singh, PhD, MS: Proapoptotic Bcl-2 Inhibitors as Adjunctive Host-Directed Therapy Enhance Tuberculosis Treatments and Long-term Cure in a Murine Model➤ Nikita Mangla: Novel Clp Protease Inhibitors Increase Efficacy Of Rifamycin, Diarylquinoline and Pretomanid-based Regimens In Mouse Models Of Tuberculosis
4:00 – 4:15pm	Award Presentation	Sheldon Hall (W1214) Presentation of the Arthur M. Dannenberg, Jr. Award & Inaugural Jacques Grosset Mentor Award
4:15–5:00 pm	Reception	Anna Baetjer (W1030) – <i>Charcuterie & Light Fare</i>