



RePORT International Annual Meeting

Agenda

September 30 – October 1, 2026 | Mumbai, India

Meeting Co-chairs: Sonali Sarkar & Bruno Andrade

Day 1 – September 30, 2026

8:00 AM -- Welcome Remarks

Jerry Ellner, RePORT International; Jyoti Logani, Department of Biotechnology; Nicole Espy / Fatima Jones, NIAID; Dr. Shobini Rajan, Central TB Division

8:10 AM -- Keynote Address - **Soumya Swaminathan**

Former Chief Scientist, WHO | Chairperson, MS Swaminathan Research Foundation

Session I: Implementation Research

Moderators: Alix Boisson-Walsh and Stephany Duda

8:30 AM -- Srinath Satyanarayana

ICMR-NIRT

9:00 AM -- Hemant Shewade, *Tamil Nadu Kasanoi Erappila Thittam,*

First statewide differentiated TB care initiative to reduce TB deaths

Division of Health Systems Research, ICMR-NIE

9:20 AM -- Ramya Ananthakrishnan

REACH

9:40 AM -- Pruthi Thekkur, *From Policy to Practice: Implementing TB-Associated Disability Care and Timeliness metrics for TB prevention across Countries*

IUATLD, Centre for Operational Research

10:00 AM -- Jonathan Golub

Johns Hopkins University

10:20 AM -- Break (20 minutes)

Session II: Diagnostics

Moderators: Akshay Gupte and Marissa Alejandria

10:40 AM -- Susan Dorman

MUSC Department of Medicine

11:00 AM -- Nitin Baliga, *No Amplification Required: Rethinking the TB Blood Test*

ISB Science

11:20 AM -- Hanna Schiff, *Unbiased plasma proteomics to investigate host response biomarkers of pulmonary tuberculosis*

University of Southampton

11:40 AM -- Hanna Elizabeth Luke, *Mtb-derived cell-free DNA - a promising biomarker for early and accurate detection of tuberculosis*

National Institute of Research

12:00 PM -- DJ Christopher, *What is trending in TB diagnostics' focusing on the R2D2 work?*

Christian Medical College, Vellore

12:20 PM -- Nagasuma Chandra, *Decoding Complex Host-Immune Responses to Develop Precision Diagnostics*

IISc Bangalore

12:40 PM -- Komala Ezhumalai, *Junior Investigator*

A tuberculosis-specific sarcopenia risk score (TB-SARCO) using routine clinical data: development and validation in a prospective cohort

12:55 PM – 2:00 PM -- Lunch Break

Session III: Treatment Outcomes

Moderators: Amita Gupta and Erlina Burhan

2:00 PM -- Chris Karp

Gates Foundation



2:30 PM -- Rohan V. Lokhande, Junior Investigator

Pharmacokinetic Assessments of Second-Line Anti-Tuberculosis Drugs: An Observational Study from India

2:45 PM -- Padmini Salgame, Analysis of Host Biomarkers Associated with Adverse TB Treatment Outcomes Across RePORT International Sites (Biomarkers Study)

Rutgers University

3:05 PM -- Ranjan Nanda, Pharmacogenomics of Tuberculosis Patients in India and Bangladesh

International Centre for Genetic Engineering and Biotechnology | Pharmacogenomics & Treatment Response

3:25 PM -- Zarir Udwadia, Recent Advances in TB Treatment

P.D. Hinduja Hospital

3:45 PM -- Devanshu Gohil, Junior Investigator

External Validation of a Parsimonious Prediction Model for TB Recurrence in India

4:00 PM -- Lakshmi Spurthi Kodali, Junior Investigator

Alcohol Misuse Is Associated with Worse Lung Function and Respiratory Health Status in Pulmonary Tuberculosis

4:15 PM -- Rodrigo Carvalho de Menezes, Junior Investigator

Host Blood RNA Signatures Had Limited Utility as Biomarkers of Suboptimal Adherence During Tuberculosis Therapy

4:30 PM -- Coffee Break

Session IV: Artificial Intelligence

Moderators: Evan Johnson and Bruno Andrade

4:50 PM -- Sarah Nyangu, Junior Investigator

Performance of Human and Computer-aided Evaluation of Digital Chest Radiography for Community-based Screening of Asymptomatic Tuberculosis

5:05 PM -- Beatriz Barreto, AI-Assisted Chest X-Ray Screening for Tuberculosis in Priority Populations: Experiences from Brazil

FIOCRUZ

5:25 PM -- Amit Kharat, *AI-Powered Chest X-Ray Screening for TB at Scale: Evidence from 500,000+ Real-World Screenings in India*

Deeptek AI

5:45 PM – Closing

Day 2 – October 1, 2026

Session V: TB Infection and Progression

Moderators: Vidya Mave and Simon Mendelsohn

8:00 AM -- TBD

8:30 AM -- Senbagavalli Prakash Babu, *Decoding the Metabolic Landscape of Tuberculosis Treatment Failure and Poor Outcomes*

JIPMER

8:50 AM -- Aniruddh Sarkar, *Antibody-omics for Diagnostic Biomarkers and Immunological Insights in Tuberculosis*

Emory / Georgia Tech

9:10 AM -- Vaishnavi Kaipilyawar, *Resistance to Mycobacterium tuberculosis Infection: What Does It Really Mean?*

Rutgers University

9:30 AM -- Mariana Araújo-Pereira, *From Exposure to Disease: Predicting Tuberculosis Progression*

RePORT Brazil

9:50 AM – John Carlo Malabad, *Impact of Latent TB Infection and Trained Immunity on Susceptibility to SARS-CoV-2 Infection in the Philippines*

RePORT Philippines

10:10 AM -- Break (20 minutes)

Session VI: Nutrition

Moderators: Sonali Sarkar

10:30 AM -- Rupak Shivkoti, *Nutritional status and alcohol intake during TB treatment*

Columbia University

10:50 AM -- Prakash Babu, *Helminth Co-infection as a Modifier of Tuberculosis Disease Severity: Insights from Clinical Cohorts and Multi-Omics Studies*

JIPMER

11:10 AM – Pranay Sinha

Boston University

Session VII: Host-Directed Therapy (HDT)

Moderators: Valeria Rolla and Tim Sterling

11:30 AM -- Ramandeep Singh

THSTI

11:50 AM -- Amit Singhal, *Metformin as TB HDT: From Bench to Clinic*

A Star, Singapore

12:10 PM -- Damien Portevin

Swiss TPH

12:30 - 1:30 PM -- Lunch Break

1:30 PM – 2 PM: Closed Meeting

Session VIII: Vaccines

Moderators: Vijaya Valluri and Humphrey Mulenga

2:00 PM -- Mark Hatherill, *TB Vaccine Projects in Pipeline*

SATVI

2:20 PM -- Nimesh Gupta, *T Cell-Guided TB Vaccine Design: From Human Immunity to Vaccine Candidates*

National Institute of Immunology

2:40 PM -- Badri Patnaik, *MTBVAC Clinical Development Plan and the Phase 3 Efficacy Trial in India*

Bharat Biotech

3:00 PM -- Tom Scriba

SATVI

3:20 PM -- Coffee Break

Session IX: Transmission

Moderators: Bih Chendi and Mandar Paradkar

3:50 PM -- Bavesh Kana, *Differentially Culturable Tubercle Bacteria: The missing link in TB transmission*

Microbial Innovation and Research Advancement Hub (MIRAH)

4:10 PM -- Ashwani Kumar, *Emerging trends in Bedaquiline resistance; a challenge in tackling MDR-tuberculosis*

CSIR-Institute of Microbial Technology

4:50 PM -- Sonali Sarkar

JIPMER

5:10 PM -- Closing