



in partnership with



Advanced TB Diagnostics

*A capacity building workshop for countries in the
South-East Asian Region*

**Hosted by ICMR-National Institute for Research in Tuberculosis (NIRT),
in association with McGill International TB Centre and other partners**

**29th January 2024 – 2nd February 2024
ICMR-NIRT, Chennai, India**

Course Directors

Dr C Padmapriyadarsini and Dr Madhukar Pai

Purpose

India and other countries in the South-East Asian Region (SEAR) region are committed to TB elimination and all stakeholders are involved in this initiative. Closing the diagnostic gap and improving quality of diagnostic services is a key priority. Collaborative efforts from National TB programs, National TB Research Institutions, Academia, Private sector, Industry partners (Product manufacturers) is critical for generating high quality evidence on the accuracy and clinical impact of the new tools to develop evidence-based policies on TB diagnostics and successfully deliver them.

Description of the Capacity building workshop

This 5-day intensive workshop is designed for Investigators from NTPs, public sector institutions, medical colleges, industry partners, TB program and laboratory staff who are primarily involved in TB care and control. This advanced workshop will cover topics in TB diagnostics research and implementation, including pipeline of innovations, critical pathway for new TB tests, impact of new tests on clinical decision-making and therapeutic choices, cost-effectiveness in routine programmatic settings, and impact on patient-important outcomes. The workshop will also cover meta-analysis, mathematical modeling, and cost-effectiveness studies. Panel discussions will cover topics such as value chain for TB diagnostics development, market analyses, market dynamics, target product profiles, and barriers to scale-up of new diagnostics.

Workshop objectives

The ultimate goal of this Advanced TB diagnostics workshop is to contribute to improved policy development in India and other SEAR countries, by strengthening TB diagnostics research capacity and collaboration among the key stakeholders involved in TB research and implementation.

At the end of the workshop the participants will understand

- Value chain for TB diagnostics development, current pipeline of diagnostics, market dynamics, WHO policies on new diagnostics, and challenges for scale-up
- Principles and practice of diagnostic research, from accuracy to patient-outcomes impact
- Principles of alternative designs to evaluate impact of new tests on clinical decision-making, epidemiological impact, and patient-important outcomes
- Meta-analyses of diagnostic accuracy studies and GRADE approach to diagnostic policies
- Principles of implementation research, collecting evidence for scale-up, cost-effectiveness analyses and modelling studies in TB diagnostics
- Translation of evidence into policy

Venue: ICMR - National Institute for Research in Tuberculosis, No:1, Sathyamoorthy Road, Chetpet, Chennai - 600 031, India.

Enrolment: Maximum of 32 participants currently involved in TB diagnostic research and TB program from India will be selected. In addition, 8 participants from other SEAR countries will be nominated. In addition, select participants from academia, the NGO sector, and the diagnostics industry will be eligible.

Invited National and International Faculty

National Faculty

- Dr Soumya Swaminathan, Former WHO Chief Scientist
- Dr Padmapriyadarsini Chandrasekaran, ICMR -NIRT, Chennai
- Dr S. Siva Kumar, ICMR-NIRT, Chennai
- Dr Joy Sarojini Michael, Christian Medical College, Vellore
- Dr Camilla Rodrigues, Hinduja Hospital, Mumbai
- Dr Ranjani Ramachandran, WHO India, New Delhi
- Dr Ramya Ananthkrishnan, REACH, Chennai
- Dr Nishant Kumar, Central TB Division, New Delhi
- Dr Sanjay Sarin & Dr. Sarabjit Chadha, FIND, New Delhi
- Dr Sameer Kumta & Dr Amrita Shekhar, Bill & Melinda Gates Foundation, India
- Dr Prabha Desikan, Bhopal Memorial Hospital and Research Centre
- Dr Hemant Deepak Shewade, ICMR-NIE, Chennai

International Faculty

- Dr Madhukar Pai, McGill International TB Centre, Canada
- Dr Puneet Dewan, BMGF, Seattle, USA
- Dr Adithya Cattamanchi, UCSF, USA
- Dr Claudia Denking, Heidelberg University, Germany
- Dr Devan Jagannathan, UCSF, USA
- Dr Mikashmi Kohli, FIND, Geneva
- Dr Morten Ruhwald, FIND, Geneva
- Dr Nazir Ismail, University of Witwatersrand, South Africa
- Dr Brooke Nichols, FIND, Geneva
- Dr Florian Marx, Heidelberg University, Germany

Registration: No registration fee is required. Selected participants will be provided travel and accommodation support. To apply, please fill the application form and send to: icmrnirt.searrp@gmail.com

Last date for registration: 30th November 2023

Contact for further information:

ICMR-NIRT, Chennai

- Dr. V.V. Banurekha,
(Email: banurekha.vv@icmr.gov.in; Mobile No.08148024774)
- Dr. Priya Rajendran
(email: priya.raj@icmr.gov.in; Mobile No.09790413593)
- Dr. N. Pavan Kumar
(email: nathella.pk@icmr.gov.in; Mobile No.09940292543)