Union World Conference on Lung Health 2022

Stop TB Partnership
New Diagnostics Working Group

FIND
Diagnosis for all

FIND AND NDWG ANNUAL SYMPOSIUM

9 NOVEMBER 2022
18:15–19:45 CET

SATELLITE SESSION

# TB DIAGNOSTIC TOOLS: LEVERAGING COVID-19 INNOVATIONS

Tuberculosis (TB) diagnostics that are non-sputum based, rapid, low-cost, and user-friendly are crucial to find the "missing millions". In this session by FIND, the global alliance for diagnostics, and the Stop TB Partnership's New Diagnostics Working Group (NDWG), the latest advancement in TB diagnostics research and development (R&D) will be explored. You will be engaged by presentations on the TB diagnostics pipeline, including sequencing and TB technology pitches.

*Participants registered to the conference can attend the session

## Introduction by session Chairs — 18:15–18:20

**Daniela Maria Cirillo**, Ospedale San Raffaele (OSR) & NDWG
**Camilla Rodrigues**, Hinduja Hospital

## Presentations

**The TB diagnostics pipeline** — 18:20–18:40
**Morten Ruhwald**, FIND & NDWG

**Evidence on oral swab analysis for TB detection** — 18:40–18:50
**E. Chandler Church**, University of Washington

**Use of targeted next generation sequencing for drug-resistant TB detection – Updates from Seq&Treat** — 18:50–19:00
**Anita Suresh**, FIND

### NOVEL TB DIAGNOSTIC TESTS — 19:00–19:15

**CRISPR**
**Tony Hu**, Tulane University
**Alexander Kay**, Baylor College of Medicine

**Point-of-care ultrasound (POCUS)**
**Linda Xie**, Rutgers University

**Computer-aided detection (CAD)**
**Ellen Mitchell**, Institute for Tropical Medicine
**Khalil Amoka Sani**, Federal Ministry of Health Nigeria

### TB TECHNOLOGY PITCH — 19:10–19:20

**Swabs and point-of-care molecular diagnostics**
**Giffin Daughtridge**, LumiraDx

**Third-generation LAM**
**Xavier Ding**, Abbott

**Swabs and centralized analysis**
**Chris Novak**, Roche

## Closing remarks + Q&A — 19:25–19:45
facilitated by session Chairs

**Daniela Maria Cirillo**, Ospedale San Raffaele (OSR) & NDWG
**Camilla Rodrigues**, Hinduja Hospital