



Stop TB Partnership

New Diagnostics Working Group

Annual Meeting 2013

Moving to point-of-care diagnosis

Symposium and panel discussion

31 October 2013

9:00 - 12:30

Room Havane, Level 3,
Palais des Congrès, Paris, France

Overview

The NDWG Annual Meeting will review scientific and technological advances that could make a contribution to the development of rapid point-of-care tests for TB. In particular, presentations will update on progress made in biomarker discovery and whole genome sequencing, and introduce novel technologies showing potential for the development of point-of-care tests. In the panel discussion that will follow, speakers will exchange viewpoints about priorities and approaches to address existing challenges and barriers to delivering such tests.

The first part of the meeting will outline the framework for the moderated discussion. Presenters will highlight the importance of global coordination for successful development of new diagnostics for TB, and describe challenges for adoption once tests are available, considering market access and the experience in other disease areas.

Agenda

Chairpersons

Daniela Cirillo, San Raffaele Scientific Institute, NDWG Co-Chair
John Ridderhof, CDC, NDWG Core Group

Welcome and introduction

The role of the New Diagnostics Working Group

Daniela Cirillo, San Raffaele Scientific Institute, NDWG Co-Chair

Part I

Development of new diagnostics for TB: Challenges and perspectives

The global process and challenges to coordinating TB diagnostic research and development

John Ridderhof, CDC, NDWG Core Group

Testing for other infectious diseases at point-of-care: Successes and challenges in implementing HIV diagnostics
Cara Kosack, Médecins Sans Frontières (MSF)

The market landscape for innovative TB diagnostics
Madhukar Pai, McGill University

Coffee break

Part II

Moving to point-of-care diagnosis

TB biomarker discovery and rapid test development: promising candidates

Mark Perkins, FIND, NDWG Co-Chair

Multiplexed detection of TB biomarkers at point-of-care
Robert Moritz, Institute for Systems Biology

Reporter Enzyme Fluorescence to detect TB bacteria
Jeffrey Cirillo, Texas A&M Health Science Center

The role of next generation whole genome sequencing and clinical relevance

Philip Butcher, St-George's University of London

Part III

Panel discussion: Defining priorities and addressing barriers to development of point-of-care tests for TB

Moderator: *Mark Perkins, FIND, NDWG Co-Chair*

Panelists: *Chairpersons and speakers in Part I and II*