

## 04. Adding connectivity to your TB diagnostics

Wednesday, 02 December 2015, 09:00 - 12:00

Room Roof Terrace

**THE 46<sup>TH</sup> UNION  
WORLD CONFERENCE  
ON LUNG HEALTH**  
CAPE TOWN, SOUTH AFRICA  
2-6 DECEMBER 2015

Type of session	Workshop
Track	TB diagnostics, including molecular methods
Track2 (optional)	TB other
Organised by	GxAlert - A consortium of open-source software for TB diagnostics
Duration	Half-day
Max attendees	150
Meeting type	Open meeting
Description	This is a half-day workshop on connecting GeneXperts (or other diagnostics) to the Internet to provide patients, clinicians, ministries of health (MOHs) and the global health community with real-time, reliable quality data. It will provide MOHs and implementing partners with the practical steps needed to budget, implement and govern a connectivity solution to receive clinician referrals and return diagnostic results, spot and reduce lab errors, prevent stockouts, monitor utilisation and populate WHO and donor reports. This workshop demonstrates how connectivity improves the speed with which we can fight TB.
Target audience	<ol style="list-style-type: none"> <li>1. Individuals working at ministries of health (MOHs), TB and HIV programmes who want better data</li> <li>2. Implementing partners (IPs) who procure GeneXperts or other diagnostic devices</li> <li>3. Donors who want to ensure purchases are used efficiently &amp; effectively</li> </ol>
Objectives	<ol style="list-style-type: none"> <li>1. To provide MOHs and IPs with the tools to select appropriate connectivity solutions</li> <li>2. To present a model for governing GeneXpert connectivity across dozens of projects and IPs</li> <li>3. To understand patient privacy and data ownership decisions around connectivity</li> </ol>
Expected outcome	Participants will finish the half-day workshop able to decide among the different software available, budget for and implement a data connectivity solution for their GeneXperts or other TB diagnostics devices.
Keywords	Connectivity; remote monitoring; connected health
Coordinator(s)	Jeff Baker (USA)
Chair(s)	Jeff Takle (Switzerland)
Presentations	<ol style="list-style-type: none"> <li>1. The main components of "connectivity" and how implementation differs across 20+ countries Hugh McDonough . (USA), Christopher Macek (USA)</li> <li>2. Integrating solutions to better serve multiple stakeholders Emmanuel Andre (Belgium), Benjamin Nyange (Congo - Democratic Rep.)</li> <li>3. Linkage to care: connectivity and electronic patient records Ali Habib (Pakistan)</li> <li>4. Challenges when implementing diagnostic networks Amy Piatek (USA)</li> <li>5. In-country versus cloud-based hosting and the implications for privacy and data ownership Brad Cunningham (South Africa)</li> <li>6. How "connectivity" changes vendor selection and relationship Michael Turnlund (USA), Adam Liederman (Canada)</li> </ol>