

11. The impact of molecular diagnostics on TB and point of care decentralisation for tomorrow

THE 46TH UNION
WORLD CONFERENCE
ON LUNG HEALTHCAPE TOWN, SOUTH AFRICA
2-6 DECEMBER 2015

Friday, 04 December 2015, 17:30 - 18:45

Room BR West-Westin

Type of session	Sponsored Satellite Symposium
Track	TB diagnostics, including molecular methods
Track2 (optional)	Advancing the End TB strategy and other policy issues
Organised by	CEPHEID
Description	<p>Data will be presented on the impact of molecular diagnostics on TB, today with GeneXpert, and tomorrow with GeneXpert Omni and Xpert MTB Ultra for point-of-care decentralisation. Other topics will include addressing TB/HIV co-infection with polyvalent systems from point-of-care to high throughput laboratories.</p> <p>About Cepheid: Cepheid is a leading molecular diagnostics company that is dedicated to improving healthcare by developing, manufacturing and marketing accurate yet easy-to-use molecular systems and tests. By automating highly complex and time-consuming manual procedures, the company's solutions deliver a better way for institutions of any size to perform sophisticated genetic testing for organisms and genetic-based diseases. Through its strong molecular biology capabilities, the company is focusing on those applications where accurate, rapid and actionable test results are needed most, such as managing infectious diseases like HIV, tuberculosis, and hepatitis C. All of Cepheid's tests, including those for TB, are configured to run on the fully automated GeneXpert systems, including the newest system, GeneXpert Omni. The GeneXpert® Omni, the world's most portable molecular diagnostics system, enables unprecedented access to accurate, fast and potentially life-saving diagnosis for patients suspected of TB, HIV and Ebola, even in the most remote areas of the world.</p>
Target audience	<ol style="list-style-type: none"> 1. Laboratory managers and technicians 2. International agencies, donors and funding agencies 3. National health programme implementers, ministry of health officials, non-government organisations and community-based organisations
Objectives	<ol style="list-style-type: none"> 1. To share data on Xpert MTB RIF and preliminary Xpert MTB Ultra 2. To increase awareness of GeneXpert Omni and potential uses in the field 3. To demonstrate polyvalency of TB and HIV on GeneXpert systems for TB/HIV co-infection
Keywords	Molecular diagnostics
Coordinator(s)	Gwynn Stevens (South Africa)
Chair(s)	Gwynn Stevens (South Africa)
Presentations	<p>17:30 - 17:45 Molecular diagnostics for TB in South Africa: filling in the gaps Mark Nicol (South Africa)</p> <p>17:45 - 18:00 Utility of stool specimens for diagnosing intrathoracic TB in children using Elisabetta Walters (South Africa)</p> <p>18:00 - 18:15 Accelerating access to quality TB care for pediatric TB suspects in 4 cities of India, though improved diagnostic strategies Neeraj Raizada (India)</p> <p>18:15 - 18:30 Performance of Xpert HIV-1 VL and the polyvalency of the GeneXpert system for TB and HIV Lesley Scott (South Africa)</p> <p>18:30 - 18:45 Point of Care: opportunities and challenges Grant Theron (South Africa)</p>