New Diagnostics Working Group

New Diagnostics Working Group E-News
July 2013

New scientific articles

Rifampicin resistance missed in automated liquid culture system for *Mycobacterium tuberculosis* with specific *rpoB*-mutations

Rifampicin drug resistance tests for tuberculosis: challenging the gold standard

*Mycobacterium tuberculosis* mutation rate estimates from different lineages predict substantial differences in the emergence of drug-resistant tuberculosis

The Health-System Benefits and Cost-effectiveness of Using *Mycobacterium Tuberculosis* Direct Nucleic Acid Amplification Testing to Diagnose Tuberculosis Disease in the United States

Mutations in *panD* encoding aspartate decarboxylase are associated with pyrazinamide resistance in *Mycobacterium tuberculosis*

QuantifERON to diagnose infection by *Mycobacterium tuberculosis: Performance in infants and older children*

Challenges in evaluating the cost-effectiveness of new diagnostics for HIV-associated tuberculosis
Andrews JR, Lawn SD, Dowdy DW, Walensky RP. *Clin Infect Dis*. 2013

Publications

TB Diagnostics Technology and Market Landscape
UNITAID has issued the second edition of the report.

Systematic screening for active tuberculosis: principles and recommendations
WHO has developed guidelines on systematic screening for active tuberculosis based on a thorough review of available evidence.

WHO interim guidance launched on the use of bedaquiline to treat MDR-TB
The interim guidance provides advice on the inclusion of bedaquiline in the combination therapy of MDR-TB in accordance with the existing WHO Guidelines for the programmatic management of drug-resistant TB.
Grants

UNITAID call for submissions for next round of funding
UNITAID is seeking to fund new innovative projects in order to increase access to treatment, diagnostic, and preventive products for HIV/AIDS, TB and malaria. Deadline for submission is 22 September 2013.

News

A new global partnership: eradicate poverty and transform economies through sustainable development
The Report of the High-Level Panel of Eminent Persons on the Post-2015 Development Agenda identified TB investments as highly cost-effective and proposed a specific sub-target on TB as part of a set of goals that could be used to guide development for the 15 years after 2015.

Mobile initiative aims to combat tuberculosis in Western Ghana
The IOM team will use a mobile TB diagnostic van equipped with a GeneXpert MTB/RIF machine to reach at least 317,000 individuals in the Western Region of Ghana.

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