New scientific articles

**miRNA Signatures in Sera of Patients with Active Pulmonary Tuberculosis.**

**Rapid diagnosis of TB using GC-MS and chemometrics.**
Dang NA, Janssen HG, Kolk AH. Bioanalysis. 2013 Dec;5

**A Point of Care System for the Detection of Mycobacterium tuberculosis and Rifampicin Resistance in Sputum Samples**

**Beyond the IFN-γ horizon: Biomarkers for immunodiagnosis of infection with M. tuberculosis**
Chegou NN, Heyckendorf J, Walzl G, Lange C, Ruhwald M. Eur Respir J. 2013 Dec 5

**Whole Genome Sequencing Reveals Complex Evolution Patterns of Multidrug-Resistant Mycobacterium tuberculosis Beijing Strains in Patients**

**Evaluation of GeneXpert MTB/RIF for the detection of Mycobacterium tuberculosis and resistance to rifampin in clinical specimens.**

**Evaluation of Mycobacterium tuberculosis drug susceptibility in clinical specimens from Nigeria using genotype MTBDRplus and MTBDRsl assays.**

**Xpert MTB/RIF version G4 for the identification of rifampicin resistant tuberculosis in a programmatic setting.**

**Ethambutol resistance determined by broth dilution method better correlates with embB mutations in MDR tuberculosis isolates.**

**Pyrosequencing for Rapid Detection of Extensively Drug-Resistant Tuberculosis in Clinical Isolates and Clinical Specimens.**
Lin SY, Rodwell TC, Victor TC, Rider EC, Pham L, Catanzaro A, Desmond EP. J Clin Microbiol. 2013 Nov 27

**DNA probe based colorimetric method for detection of rifampicin resistance of Mycobacteriumtuberculosis.**

**Isothermal DNA amplification coupled to Au-nanoprobes for detection of mutations associated to Rifampicin resistance in Mycobacterium tuberculosis.**

Efficacy of IP-10 as a biomarker for monitoring tuberculosis treatment.

Evaluation of a Simple in-House Test to Presumptively Differentiate Mycobacterium tuberculosis Complex from Nontuberculous Mycobacteria by Detection of \( \text{p-Nitrobenzoic Acid Metabolites} \).

Pyrazinamide susceptibility testing of Mycobacterium tuberculosis by high resolution melt analysis.

Rapid detection of Mycobacterium tuberculosis and Pyrazinamide Susceptibility Related to \( \text{pncA Mutations from Sputum Specimens through an Integrated Gene to Protein Function Approach} \).

Characterization of the \( \text{embB gene} \) in Mycobacterium tuberculosis isolates from Barcelona and rapid detection of main mutations related to ethambutol resistance using a low-density DNA array.

Publications

Tuberculosis Diagnostic Technology and Market Landscape – Semi-annual Update 2013
UNITAID

Investigation and control of TB incidents affecting children in congregate settings
ECDC

Global strategy and targets for tuberculosis prevention, care and control after 2015
WHO

Tuberculosis laboratory biosafety (6 languages)
WHO

$1.4 billion funding shortfall for tuberculosis control
Lancet

Drug-resistant tuberculosis: latest advances

News

First results tuberculosis vaccine candidate MTBVAC very promising
TBVI

EU announces €370 million of new support to fight AIDS, Tuberculosis and Malaria
EU

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