

## New Diagnostics Working Group E-news

December 2014

### New scientific articles

[A simple, single triplex PCR of IS6110, IS1081 and 23S ribosomal DNA targets, developed for rapid detection and discrimination of mycobacterium from clinical samples.](#)

Nghiem MN, Nguyen BV, Nguyen ST, Vo TT, Nong HV. J Microbiol Biotechnol. 2014

[Evaluation of the Cobas TaqMan MTB Test for the Detection of Mycobacterium tuberculosis Complex According to Acid-Fast Bacilli Smear Grades in Respiratory Specimens.](#)

Huh HJ, Koh WJ, Song DJ, Ki CS, Lee NY. J Clin Microbiol. 2014

[Discrimination between active and latent tuberculosis based on the ratio of antigen-specific to mitogen-induced IP-10 production.](#)

Jeong YH, Hur YG, Lee H, Kim S, Cho JE, Chang J, Shin SJ, Lee H, Kang YA, Cho SN, Ha SJ. J Clin Microbiol. 2014

[High-throughput MIRU-VNTR genotyping for Mycobacterium tuberculosis epidemiological studies.](#)

Gauthier M, Bidault F, Mosnier A, Bablshvili N, Tukvadze N, Somphavong S, Paboriboune P, Ocheretina O, Pape JW, Paranhos-Baccala G, Berland JL. J Clin Microbiol. 2014

[Impact of Xpert MTB/RIF for TB Diagnosis in a Primary Care Clinic with High TB and HIV Prevalence in South Africa: A Pragmatic Randomised Trial.](#)

Cox HS, Mbhele S, Mohess N, Whitelaw A, Muller O, Zemanay W, Little F, Azevedo V, Simpson J, Boehme CC, Nicol MP. PLoS Med. 2014

[Loop-mediated isothermal amplification assay for rapid and sensitive diagnosis of tuberculosis.](#)

Kumar P, Pandya D, Singh N, Behera D, Aggarwal P, Singh S. J Infect. 2014

[High positive predictive value of Xpert in a low rifampicin resistance prevalence setting.](#)

Trajman A, Durovni B, Saraceni V, Cordeiro-Santos M, Cobelens F, van den Hof S. Eur Respir J. 2014

[IP-10 is an accurate biomarker for the diagnosis of tuberculosis in children.](#)

Latorre I, Díaz J, Mialdea I, Serra-Vidal M, Altet N, Prat C, Díez N, Escribano A, Casas I, Rodrigo C, Ausina V, Ruhwald M, Domínguez J. J Infect. 2014

[CFP10 and ESAT6 aptamers as effective Mycobacterial antigen diagnostic reagents.](#)

Tang XL, Zhou YX, Wu SM, Pan Q, Xia B, Zhang XL. J Infect. 2014

[Microscopic observation drug susceptibility assay for the diagnosis of TB and MDR-TB in HIV-infected patients: a systematic review and meta-analysis.](#)

Wikman-Jorgensen P, Llenas-García J, Hobbins M, Ehmer J, Abellana R, Gonçalves AQ, Pérez-Porcuna TM, Ascaso C. Eur Respir J. 2014

### Other Publications

[The End TB Strategy: a global rally](#)

The Lancet Respiratory Medicine. Lancet Respir Med. 2014

[Pre-entry screening programmes for tuberculosis in migrants to low-incidence countries: a systematic review and meta-analysis.](#)

Aldridge RW, Yates TA, Zenner D, White PJ, Abubakar I, Hayward AC. Lancet Infect Dis. 2014

[Pre-entry, post-entry, or no tuberculosis screening?](#)

van der Werf MJ, Lönnroth K. Lancet Infect Dis. 2014

[Tuberculosis control: hard questions.](#)

Weyer K, Falzon D, Wares F, Jaramillo E, Raviglione M. Lancet. 2014

[Tuberculosis control: hard questions - Authors' reply.](#)

Khan MS, Coker RJ. Lancet. 2014

[Tuberculosis in pregnancy: an estimate of the global burden of disease](#)

Sugarman J, Colvin C, Moran AC, Oxlade O. Lancet Glob Health. 2014

## Key Publications

[Report of the joint ECDC and WHO review of the national tuberculosis programme in Bulgaria](#)

ECDC

## News

[Global consultation on research for tuberculosis elimination](#)

[Sanofi Receives FDA Approval of Priftin® \(rifapentine\) Tablets for the Treatment of Latent Tuberculosis](#)

[Infection](#)