



New Diagnostics Working Group

New Diagnostics Working Group E-News
March 2016

Counting down to World TB Day

“Unite to End TB!”: The Stop TB Partnership launched World TB Day webpage and social media campaign.

Key Publications

[Global Action Framework for TB Research in support of the Third Pillar of WHO's End TB Strategy](#)
WHO

[Market Assessment of Tuberculosis Diagnostics in India in 2013](#) *Int J Tuberc Lung Dis* 2016.
TB Diagnostics Market Analysis Consortium

[Market Assessment of Tuberculosis Diagnostics in China in 2012](#) *Int J Tuberc Lung Dis* 2016.
TB Diagnostics Market Analysis Consortium

New scientific articles

[Translational Research for Tuberculosis Elimination: Priorities, Challenges and Actions](#)

Christian Lienhardt, Knut Lönnroth, Dick Menzies, Manica Balasegaram, Jeremiah Chakaya, Frank Cobelens, Jennifer Cohn, Claudia M. Denking, Thomas G. Evans, Gunilla Källenius, Gilla Kaplan, Ajay M. V. Kumar, Line Matthiessen, Charles S. Mgone, Valerie Mizrahi, Ya-diul Mukadi, Viet Nhung Nguyen, Anders Nordström, Christine F. Sizemore, Melvin Spigelman, S. Bertel Squire, Soumya Swaminathan, Paul D. Van Helden, Alimuddin Zumla, Karin Weyer, Diana Weil, Mario Raviglione. *PLOS Medicine*, March 2016

[Increased Case Notification through Active Case Finding of Tuberculosis among Household and Neighbourhood Contacts in Cambodia](#)

Fukushi Morishita, Mao Tan Eang, Nobuyuki Nishikiori, Rajendra-Prasad Yadav. *PLOS One*. March 2016

[Improved Detection of Tuberculosis and Multidrug-Resistant Tuberculosis among Tibetan Refugees, India](#)

Dierberg KL, Dorjee K, Salvo F, Cronin WA, Boddy J'B, Cirillo D, et al. *Emerg Infect Dis*. March 2016

[Decreased Time to Treatment Initiation for Multidrug-Resistant Tuberculosis Patients after Use of Xpert MTB/RIF Test, Latvia](#)

Helen R. Stagg, Peter J. White, Vija Riekstiņa, Andra Cīrule, Ģirts Šķenders, Vaira Leimane,1 Liga Kukša,1 Gunta Dravniece, James Brown, Charlotte Jackson. *Emerg Infect Dis*. March 2016

[Leveraging advances in tuberculosis diagnosis and treatment to address nontuberculous mycobacterial disease](#)

Raju RM, Raju SM, Zhao Y, Rubin EJ. *Emerg Infect Dis*. March 2016

[Factors associated with tuberculosis and rifampicin-resistant tuberculosis amongst symptomatic patients in India: a retrospective analysis](#)

Nair SA, Raizada N, Sachdeva KS, Denking C, Schumacher S, Dewan P, Kulsange S, Boehme C, Paramasivan CN, Arinaminpathy N. *PLOS ONE*, February 2016

[Analytical and Clinical Evaluation of the Epistem Genedrive Assay for Detection of *Mycobacterium tuberculosis*](#)

Shenai S, Armstrong DT, Valli E, Dolinger DL, Nakiyingi L, Dietze R, Dalcomo MP, Nicol MP, Zemanay W, Manabe Y, Hadad DJ, Marques-Rodrigues P, Palaci M, Peres RL, Gaeddert M, Armakovitch S, Nonyane BAS, Denkinger CM, Banada P, Joloba ML, Ellner J, Boehme C, Alland D, Dorman SE, and the TB Clinical Diagnostics Research Consortium. *J Clin Microbiol*. February 2016

[The transmission of *Mycobacterium tuberculosis* in high burden settings](#)

Tom A Yates, Palwasha Y Khan, Gwenan M Knight, Jonathon G Taylor, Timothy D McHugh, Marc Lipman, Richard G White, Ted Cohen, Frank G Cobelens, Robin Wood, David A J Moore, Ibrahim Abubakar. *Lancet Infect Dis*. February 2016

[Genome-wide expression for diagnosis of pulmonary tuberculosis: a multicohort analysis](#)

Timothy E Sweeney, Lindsay Braviak, Cristina M Tato, Purvesh Khatri. *Lancet Respiratory Med*. February 2016

[Xpert MTB/RIF Results in Patients With Previous Tuberculosis: Can We Distinguish True From False Positive Results?](#)

Grant Theron, Rouxjeane Venter, Greg Calligaro, Liezel Smith, Jason Limberis, Richard Meldau, Duncan Chanda, Aliasgar Esmail, Jonny Peter, and Keertan Dheda. *Clinical Infec Dis*. February 2016

[Defining a diagnostic gene signature for tuberculosis](#)

Digby F Warner. *Lancet Respiratory Med*. February 2016

[More targeted tuberculosis screening for immigrants?](#)

Bryant Furlow. *Lancet Respiratory Med*. February 2016

Other publications

[Special Issue on implementing the End TB Strategy and the Sustainable Development Goals \(SDGs\)](#)

The Transactions of the Royal Society of Tropical Medicine and Hygiene. March 2016

[Work Plan Template for Xpert MTB/RIF® Implementation and Scale-up](#)

Work plan template developed by FIND, with support from Expand-TB and the GLI. Provides step-by-step instructions for completing an implementation and scale-up work plan for the Xpert MTB/RIF assay in your country. March 2016

[How to Make New TB Technology More Accessible to the Private Health Sector](#)

Interview with Dr Madhukar Pai and Kyle Poplin, editor of NextBillion Health Care, 3 March 2016

[Xpert MTB/RIF for tuberculosis testing: access and price in highly privatised health markets](#)

Puri L, Oghor C, Denkinger CM, Pai M. *The Lancet Global Health*. February 2016

[Stop TB Partnership Bulletin on Working Groups](#)

The bulletin highlights progress made by the Stop TB Partnership Working Groups in the latter half of 2015 and shares new developments and information related to their work. 25 February 2016

[Let's Talk TB](#)

This book is a supplement to GP Clinics, an effort to engage and educate GPs and private practitioners, and to share with them the current best practices on TB diagnosis and treatment.

News

[GLI announces Strategic Priorities 2016-2017](#)

The Global Laboratory Initiative published its strategic priorities for 2016-2017 to improve access to and utilization of quality-assured diagnostic tools for patient management, in support of the goal to end the global TB epidemic by 2035. (11 March)

[Blood test could transform tuberculosis diagnosis, help monitor treatment effectiveness](#)

Researchers at the Stanford University School of Medicine have identified a gene expression "signature" that distinguishes patients with active tuberculosis from those with either latent tuberculosis or other diseases. A paper describing the work was published online in *Lancet Respiratory Medicine* on Feb. 19. (22 February)

[The Stop TB Partnership announces call for the 2016 Kochon Prize nominations](#)

To highlight the enormous contribution by the countless people who are changing and saving the lives of those affected by TB and due to the large number of nominations in 2015, the theme for the second year will be "Unsung Heroes Working to End TB – Episode 2". Deadline 15 April 2016. (19 February)

[New Understanding Of TB Could Lead To Personalised Treatments](#)

A team from Trinity College Dublin and St James's Hospital have made a breakthrough in terms of how our immune system responds to TB, which opens up the possibility to design more effective vaccines and personalised therapies. (17 February)

[Global Fund Awards \\$30 Million to Fight TB in Africa's Mining Sector](#)

The Global Fund to Fight AIDS, Tuberculosis and Malaria has announced a \$30 million grant to a Regional Coordinating Mechanism (RCM) representing ten countries in southern Africa to pioneer innovative models aimed at reducing high rates of tuberculosis in the mining sector. (9 February)

[Device focuses on speedier tuberculosis diagnosis](#)

A device that can magnify tuberculosis bacteria without using a conventional glass lens could soon replace expensive lens-based microscopes in developing countries, according to a feasibility study published in the journal *Tuberculosis*. (14 January)

Upcoming events

[47th Union World Conference](#)

Liverpool, UK, 26-29 October 2016

Submission of abstracts and session proposals ends 16 March 2016

[TB2016 Science + Solidarity](#)

Durban, South Africa, 16-17 July 2016 (preceding the 2016 International AIDS Conference)

Submission of abstracts ends 1st April 2016

[GHIC - 13th Global Health & Innovation Conference](#)

Yale University, New Haven, Connecticut, USA, 16-17 April 2016

[Pasteur Institute TB course – 2016](#)

Paris, France, 23 May-3 June 2016

[McGill Summer Institute in Infectious Diseases and Global Health](#)

TB Research Methods, 13-17 June 2016

Advanced TB Diagnostic Research, 20-24 June 2016

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