



## New Diagnostics Working Group

New Diagnostics Working Group E-News  
October 2015

### Upcoming events

[Advanced course in TB diagnostic research](#)

29 November – 1st December 2015, University of Cape Town, South Africa

[Driving fast and furious to End TB: Stop TB's key moments at the Union conference](#)

29 November – 6 December 2015, Cape Town, South Africa

[NDWG Annual Meeting](#)

3 December 2015, 9:00-12:30, CTICC, Cape Town, South Africa

[8<sup>th</sup> FIND Symposium](#)

3 December 2015, 13:30-17:00, CTICC, Cape Town, South Africa

[Pasteur Institute TB course – 2016](#)

Paris, 23 May– 3 June, 2016

### Key Publications

[Global tuberculosis report 2015](#)

WHO

[TB diagnostics technology and market landscape, 4th edition](#)

UNITAID

[TB Diagnostics Market in Select High-Burden Countries: Current Market and Future Opportunities for Novel Diagnostics](#)

UNITAID, FIND, McGill

[TB Specimen Bank Activity Report: 2014-Q2 2015](#)

FIND

### New scientific articles

[Collaborative effort for a centralized worldwide tuberculosis relational sequencing data platform.](#)

Starks AM, Avilés E, Cirillo DM, Denkinger CM, Dolinger DL, Emerson C, Gallarda J, Hanna D, Kim PS, Liwski R, Miotto P, Schito M, Zignol M. *Clinical Infectious Diseases*, 2015

[Piloting upfront Xpert MTB/RIF testing on various specimens under programmatic conditions for diagnosis of TB & DR-TB in paediatric population](#)

Raizada N, Sachdeva KS, Swaminathan S, Kulsange S, Khaparde SD, Nair SA, Khanna A, Chopra KK, Hanif M, Sethi GR, Umadevi KR, Chander GK, Saha B, Shah A, Parmar M, Ghediya M, Jaju J, Boehme C, Paramasivan CN. *PLOS ONE* 2015

[Pathways to multidrug-resistant tuberculosis diagnosis and treatment initiation: a qualitative comparison of patients' experiences in the era of rapid molecular diagnostic tests](#)

Pren Naidoo, Margaret van Niekerk, Elizabeth du Toit, Nulda Beyers and Natalie Leon *BMC Health Services Research* 2015, 15:488

[Rapid DNA detection of \*Mycobacterium tuberculosis\*-towards single cell sensitivity in point-of-care diagnosis](#)

Benjamin Y.C. Ng, Eugene Y.H. Wee, Nicholas P. West and Matt Trau *Nature Scientific Reports* 2015

[Transformative tools for tackling tuberculosis](#)

Jennifer L. Gardiner and Christopher L. Kart *JEM* 2015

[Determination of MICs of levofloxacin for \*Mycobacterium tuberculosis\* with \*gyrA\* mutations](#)

Kambli P, Ajbani K, Nikam C, Khillari A, Shetty A, Udawadia Z, Georghiou SB, Rodwell TC, Catanzaro A, Rodrigues C. *IJTLD* 2015

[Predicting differential rifamycin resistance in clinical \*Mycobacterium tuberculosis\* isolates by specific \*rpoB\* mutations](#)

EIMaraachli W, Slater M, Berrada ZL, Lin S-YG, Catanzaro A, Desmond E, Rodrigues C, Victor TC, Crudu V, Gler MT, Rodwell TC. *IJTLD* 2015

## News

[Stop TB Partnership: A Paradigm Shift Needed in the Way We Fight TB](#)

Launch of the Lancet TB Series on 'How to Eliminate TB ' at the new Centre for Global Health Delivery in Dubai

[WHO: Tuberculosis mortality nearly halved since 1990](#)

[FIND online survey on attitudes towards diagnostic tests for diseases of poverty](#)

Please give your feedback and share further. The survey will be posted until Friday, 6 November 2015

[WHO and ERS launch new digital health agenda for action to end TB](#)

[Novel assay using surface-enhanced Raman spectroscopy detects TB in early stages of disease](#)

[Can a Urine Test Identify TB? - Urinary compound may also track treatment response](#)

[For millions who undergo TB tests, some good news](#)

A new report from Foundation for Innovative New Diagnostics (FIND), McGill International TB Centre and UNITAID has presented a snapshot of the TB diagnostics landscape

[Stopping tuberculosis requires new strategy](#)

Past decades' reliance on biomedical solutions has not worked; 'biosocial' approach needed

[TB could kill 75 million people by 2050](#)

The White House has a plan to combat multidrug-resistant tuberculosis, but it may never get funded

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