



TABLE OF CONTENTS

- [Celebrating the 5th anniversary of the London Declaration on Neglected Tropical Diseases](#)
- [Clinical trial of non-invasive leishmaniasis diagnostics in Kenya](#)
- [FIND and partners screen for sleeping sickness in refugee camps in northern Uganda](#)
- [First commercially available malaria culture panels](#)
- [ReSeqTB data platform now available to public](#)
- [Specific Technologies & FIND to collaborate on blood infection diagnostics](#)
- [Scientific articles by FIND staff](#)
- [News from our partners](#)
- [Jobs at FIND](#)

RESOURCES

[GHCC Impact Report](#)

Celebrating the 5th anniversary of the London Declaration on Neglected Tropical Diseases

Neglected tropical diseases (NTDs) are preventable and treatable diseases whose burden weighs most heavily on the poorest, most marginalized and often the most remote communities in the world.

On 30 January 2012, the London Declaration on Neglected Tropical Diseases was signed, committing global health partners across public, private and non-profit sectors to control or eliminate 10 diseases by 2020.

Enormous progress has been made over the last five years, made possible only through the committed joint efforts of numerous cross-sectoral partnerships that continue today.

Even as we continue to work towards new tests to meet major unmet diagnostic needs in Chagas disease, leishmaniasis and lymphatic filariasis, we also celebrate the important progress made in diseases such as human African trypanosomiasis, or sleeping sickness. These include improved prevention, diagnosis and treatment that is bringing us ever closer to elimination through integrated disease control efforts with our partners...[Read more](#)

Clinical trial of non-invasive leishmaniasis diagnostics in Kenya

FIND is evaluating two non-invasive diagnostic tests for visceral leishmaniasis in partnership with the Centre for Clinical Research, Kenyan Medical Research Institute (KEMRI). The clinical trial is designed to assess diagnostic accuracy of both tests and to assess their potential utility in treatment monitoring....[Read more](#)



FIND and partners screen for sleeping sickness in refugee camps in northern Uganda



Uganda is on the verge of a remarkable event: eliminating sleeping sickness. However, the continued instability in neighbouring South Sudan could jeopardise this important public health victory...[Read more](#)



First commercially available malaria culture panels

ZeptoMetrix Corporation and FIND are pleased to announce the first commercially available malaria *Plasmodium falciparum* culture panels with standard concentrations of histidine rich protein 2 (HRP2). The culture panels, which are available in a range of concentrations from six different malaria strains, are intended for use by researchers and manufacturers to develop new high sensitivity malaria rapid diagnostic tests...[Read more](#)



ReSeqTB data platform now available to public

The Rapid Drug Susceptibility Testing Consortium, coordinated by the *Critical Path Institute* through the *Critical Path to TB Drug Regimens* (CPTR) initiative, launched the Relational Sequencing TB Data Platform (ReSeqTB), a data-sharing platform and analytic visualization tool that can be used to discover, grade and track key bacterial drug resistance mutations. The tool was created to facilitate the development of new diagnostics capable of rapidly testing drug susceptibility, which could be used to identify effective treatment regimens for better managing patients with drug-resistant TB...[Read more](#)



Specific Technologies & FIND to collaborate on blood infection diagnostics

In December, Specific Technologies and FIND announced a collaboration to promote the development of new solutions for diagnosis of bloodstream infections in resource-poor environments. Globally, 31.5 million cases of sepsis result in some 5.3 million deaths every year, mostly in low- and middle-income countries...[Read more](#)



Scientific articles by FIND staff

Neglected Tropical Diseases

Development of diagnostics for Chagas disease: where should we put our limited resources? Picado A, Angheben A, Marchiol, A, Alarcón de Noya B, Flevaud L, Jesus Pinazo M, Gállego M, Meymandi S, Moriana S. *PLoS NTD*. Jan 2017. [Article](#)

Predicting the impact of intervention strategies for sleeping sickness in two high-endemicity health zones of the Democratic Republic of Congo. Rock KS, Torr, SJ, Lumbala C, Keeling MJ (Editor: Ndung'u J). *PLoS NTD*. Jan 2017. [Article](#)

Malaria

Field evaluation of a high throughput loop mediated isothermal amplification test for the detection of asymptomatic *Plasmodium* infections in Zanzibar. Aydin-Schmidt B, Morris U, Ding XC, Jovel I, Msellem MI, Bergman D, Islam A, Ali AS, Polley S, González IJ, Mårtensson A, Bjorkman A. *PLoS ONE*. Jan 2017. [Article](#)

Detection of *Plasmodium knowlesi*, *Plasmodium falciparum* and *Plasmodium vivax* using loop-mediated isothermal amplification (LAMP) in a co-endemic area in Malaysia. Aydin-Schmidt B, Morris U, Ding XC, Jovel I, Msellem MI, Bergman D, Islam A, Ali AS, Polley S, González IJ, Mårtensson A, Bjorkman A. *Malaria Journal*. Jan 2017. [Article](#)

LAMP kit for diagnosis of non-falciparum malaria in *Plasmodium ovale* infected patients. Cuadros J, Martin Ramírez A, González IJ, Ding XC, Perez-Tanoira R, Rojo Marcos G, Gómez Herruz P, Rubio JM. *Malaria Journal*. Jan 2017. [Article](#)

Tuberculosis

Diagnostic performance of tuberculosis-specific IgG antibody profiles in patients with presumptive TB from two continents. Broger T, Basu Roy R, Filomena A, Greef CH, Rimmele S, Havumaki J, Danks D, Schneiderhan-Marra N, Gray CM, Singh M, Rosenkrands I, Andersen P, Husar GM, Joos TO, Gennaro ML, Lochhead MJ, Denkinger CM, Perkins MD. *Clinical Infectious Diseases*, Jan 2017. [Abstract](#)

Accuracy of line probe assays for the diagnosis of pulmonary and multidrug-resistant tuberculosis: a systematic review and meta-analysis. Nathavitharana RR, Cudahy PGT, Schumacher SG, Steingart KR, Pai M, Denkinger CM. *European Respiratory Journal*, Jan 2017. [Abstract](#)

FIND Tuberculosis Strain Bank: a resource for researchers and developers working on tests to detect *Mycobacterium tuberculosis* and related drug resistance. Tessema B, Nabeta P, Valli E, Albertini A, Collantes J, Huu Lan N, Romancenco E, Tukaydez N, Denkinger CM, Dolinger DL. *Journal of Clinical Microbiology*. Jan 2017. [Article](#)

A 10-gene signature for the diagnosis and treatment monitoring of active tuberculosis using a molecular interaction-network approach. MacLean E & Broger T. *EBioMedicine*. Jan 2016. [Abstract](#)

News from our partners

Uniting against NTDs: [Celebrating the 5th anniversary of the London Declaration on NTDs](#)

CEPI: The [Coalition for Epidemic Preparedness Innovations](#), a new partnership created to develop and stockpile vaccines for emerging infectious diseases, was launched at the World Economic Forum in Davos this year.

MMV: [Medicines for Malaria Venture's 15th call for proposals is now open](#)

Stop TB Partnership: [One more step towards ending TB as IOM launches first ever TB and migration portal](#)

Swiss Malaria Group: **Photo contest:** Do your photos tell compelling stories about moving towards a world without malaria? Enter them to win monetary prizes totalling USD 10,000.

Possibly the coolest job ever?! If you are an exceptional MD or PhD who is ready to take a leadership role in executing a drone-based innovative TB control project (Drone Observed Therapy, DrOTS) in Madagascar ([video](#)), contact peter.small@stonybrook.edu. This position is now open and is expected to fill no later than July 2017. For more information about this project, read the [Stop TB Partnership newsletter](#).

Jobs at FIND

Scientific Officer - IVD Technology Development (application deadline 8 Feb)

Finance Assistant (application deadline 8 Feb)

Medical Officer, FIND India (application deadline 7 Feb)

You're receiving this email as a member of the FIND mailing list.

[Edit your subscription](#) | [Unsubscribe](#)

FIND
Campus Biotech
Chemin des Mines 9
1202 Geneva
www.finddx.org