

## Technical Review Panel Member

### Curriculum Vitae

**Name:** Brenda Nyambura Mungai

**Nationality:** Kenyan

**Additional languages:** English, Kiswahili

**Expertise:** Tuberculosis

### Qualifications

Qualification	Institution	Department	Year
PhD candidate Global Health	Liverpool School of Tropical Medicine	Clinical Sciences	2022
Certificate in International Health Consultancy	Liverpool School of Tropical Medicine	International Public Health	2016
Leading High Performing Health Organisations Certificate	Strathmore Business School	Business School	2015
Master of Tropical Medicine and Infectious Diseases	Liverpool School of Tropical Medicine	Clinical Sciences	2010
Diploma in HIV Management	Colleges of Medicine of South Africa		2007
Bachelor of Medicine and Surgery	University of Nairobi, Kenya	College of Health Sciences	2003

### Employment History

Employer	Position	Place	Year
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Centre for Health Solutions-Kenya	Director, Tuberculosis and Lung Health	Nairobi, Kenya	2019 to date
Centre for Health Solutions-Kenya	Chief of Party, TB ARC	Nairobi, Kenya	2015-2019
Centre for Health Solutions-Kenya	Deputy Chief of Party/Senior Technical Advisor	Nairobi, Kenya	2013-2015
ICAP Columbia University	TBHIV advisor, Senior Program Officer	Kisumu, Kenya	2010-2013
Grootfontein District Hospital	Medical Officer in Charge of the HIV clinic	Grootfontein, Namibia	2006-2009
Ministry of Health, Kenya	Medical Officer/Medical Officer Intern	Nyeri, Kenya	2003-2006

## Relevant Publications

**Mungai B**, Ong'angò J, Ku CC, Henrion MYR, Morton B, Joekes E, et al. (2022) Accuracy of computer-aided chest X-ray in community-based tuberculosis screening: Lessons from the 2016 Kenya National Tuberculosis Prevalence Survey. PLOS Glob Public Health 2(11): e0001272. <https://doi.org/10.1371/journal.pgph.0001272>

**Mungai B.N**, Introduction of operational modelling in policy uptake: A case study of chest X-ray in tuberculosis screening in Kenya. October 2022. PhD Thesis, Liverpool School of Tropical Medicine

**Mungai BN**, Joekes E, Masini E, et al. It's not TB but what could it be? Abnormalities on chest X-rays taken during the Kenya National Tuberculosis Prevalence Survey. medRxiv. 2020:2020.08.19.20177907.

Chakaya, Jeremiah, Petersen, Eskild, Nantanda, Rebecca, **Mungai, Brenda N.**, Migliori, Giovanni Battista, Amanullah, Farhana, Lungu, Patrick, Ntoumi, Francine, Kumarasamy, Nagalingeswaran, Maeurer, Markus and Zumla, Alimuddin. 2022 The WHO Global Tuberculosis 2021 Report &#x2013; not so good news and turning the tide back to End TB. *International Journal of Infectious Diseases*, 124, S26-S29.

Masini Enos, Joseph Sitienei, Jane Ong'ang'o, **Brenda Mungai**, Maureen Kamene, Jesse Wambugu, Hillary Kipruto, Veronica Manduku, Josephine Mburu, Drusilla Nyaboke, Faith Ngari, Eunice Omesa, Newton Omale, [ ... ], Herman Weyenga "Kenya tuberculosis prevalence survey 2016: Challenges and opportunities of ending TB in Kenya" PLOS One December 26, 2018.

Enos O Masini; Omar Mansour; Clare E Speer; Vittorio Addona; Christy L Hanson; Joseph K Sitienei; Hillary K Kipruto; Martin Muhingo Githiomi; **Brenda Nyambura Mungai** "Using Survival Analysis to Identify Risk Factors for Treatment Default among New and Retreatment Tuberculosis Patients in Kenya". PLOS One October 2016.

**Mungai B.N.**, "Understanding the pathways to TB care and costs involved in diagnosis in an indigenous semi-nomadic community in Samburu District, Kenya. July 2010. Masters` Thesis.

**Mungai B.**, Nzenza S., Victory L., Mahvunga F., Brandt L., Heinmaski T., Roscoe C., 'Initiating a Drug Resistant TB unit in Grootfontein Hospital' 2009. Abstract presented at the IUATLD Conference in Cancun in December 2009.

**Brenda Mungai**<sup>1</sup>, Muhsin Sheriff<sup>1</sup>, Joel Gondi <sup>2</sup>, Emily Koech<sup>1</sup>, Barasa Wekesa<sup>1</sup>, Eliud Mwangi<sup>1</sup>, Mark Hawken<sup>1</sup>, Timothy Malika<sup>2</sup>., `Improving Drug Resistant Tuberculosis surveillance in Rural Nyanza. Abstract presented at the 2<sup>nd</sup> Kenya International Scientific Lung Health Conference October 2011 and The IUATLD conference in Kuala Lumpur Malaysia.

## **Additional Information**

1. Board member- STOP TB Partnership Kenya
2. Member of Post TB Lung Disease Committee of Experts-Kenya
3. Member of the Programmatic Management of Drug Resistant TB-Kenya
4. Member of the Pediatric TB Committee of Experts-Kenya

Additional expertise in: Infectious diseases, TB/HIV management, program management, global health, senior management, strategic planning, operations management, financial management, quality improvement, program review and evaluation.

Awards: Glen Williams prize 2010: for the best overall academic performance in the Master of Tropical Medicine and Infectious Diseases.