

Technical Review Panel Member

Curriculum Vitae

Name: Jeremiah CHAKAYA Muhwa
 Nationality: Kenyan
 Additional languages: Duruma, Kiswahili, English
 Expertise: TB

Qualifications

Qualification	Institution	Department	Year
MBChB	University of Nairobi	N/A	1985
MMed (Med)	University of Nairobi	Medicine	1992
DThM	University of London	National Heart and Lung Institute	1995

Employment History

Employer	Position	Place	Year
Kenya Medical Research Institute	Research Officer to Chief Research Officer	Nairobi, Kenya	1992 -2013
Respiratory Society of Kenya	CEO and Technical Director	Nairobi, Kenya	2013- to date
Liverpool School of Tropical Medicine	Professor, Global Respiratory Health	Pembroke Place, Liverpool L3%QA	April 2020- March 2022

Relevant Publications

Listed as an author in more than 100 manuscripts. Some of the relevant publications on TB and lung health include:

1. Jaffar S, Lazarus JV, Onyebujoh P, Chakaya J, Garrib A, Mwaba P, Mboup S, Bellis K, Egwaga S, Corrah T, Coutinho A. Health services strengthening in Africa--research is a key component. *Trop Med Int Health*. 2010 Nov;15(11):1270-3. doi: 10.1111/j.1365-3156.2010.02626.x. Epub 2010 Aug 19.
2. Zachariah R, Reid T, Srinath S, Chakaya J, Legins K, Karunakara U, Harries AD. Building leadership capacity and future leaders in operational research in low-income countries: why and how? *Int J Tuberc Lung Dis*. 2011 Nov;15(11):1426-36.
3. Chakaya JM, Carter EJ, Hopewell PC. Pulmonary specialty training to improve respiratory health in low- and middle-income countries: Needs and challenges. *Ann Am Thorac Soc*. 2015 Apr;12(4):486-90. doi: 10.1513/AnnalsATS.201502-071PS.
4. Zumla A, Chakaya J, Centis R, D'Ambrosio L, Mwaba P, Bates M, Kapata N, Nyirenda T, Chanda D, Mfinanga S, Hoelscher M, Maeurer M, Migliori GB. Tuberculosis treatment and management--an update on treatment regimens, trials, new drugs, and adjunct therapies. *Lancet Respir Med*. 2015 Mar;3(3):220-34. doi: 10.1016/S2213-2600(15)00063-6. Epub 2015 Mar 9.
5. Zumla A, Maeurer M, Marais B, Chakaya J, Wejse C, Lipman M, McHugh TD, Petersen E. Commemorating World Tuberculosis Day 2015. *Int J Infect Dis*. 2015 Mar;32:1-4. doi: 10.1016/j.ijid.2015.01.009
6. Lienhardt C, Lönnroth K, Menzies D, Balasegaram M, Chakaya J, Cobelens F, Cohn J, Denlinger CM, Evans TG, Källenius G, Kaplan G, Kumar AM, Matthiessen L, Mgone CS, Mizrahi V, Mukadi YD, Nguyen VN, Nordström A, Sizemore CF, Spigelman M, Squire SB, Swaminathan S, Van Helden PD, Zumla A, Weyer K, Weil D, Raviglione M. Translational Research for Tuberculosis Elimination: Priorities, Challenges, and Actions. *PLoS Med*. 2016 Mar 2;13(3):e1001965. doi: 10.1371/journal.pmed.1001965. eCollection 2016
7. Ntoumi F, Kaleebu P, Macete E, Mfinanga S, Chakaya J, Yeboah-Manu D, Bates M, Mwaba P, Maeurer M, Petersen E, Zumla A. Taking forward the World TB Day 2016 theme 'Unite to End Tuberculosis' for the WHO Africa

International J of Infectious Dis. 2016 May;46:34-7. doi: 10.1016/j.ijid.2016.03.003. Epub 2016 Mar 8.

8. Zumla A, Schito M, Chakaya J, Marais B, Mwaba P, Migliori GB, Hoelscher M, Maeurer M, Wallis RS. World TB Day 2016: reflections on the global TB emerge Lancet Respir Med 2016 Apr;4(4):249-51. doi: 10.1016/S2213-2600(16)00066-7. Epub 2016 Mar
9. Chakaya JM, Harries AD, Marks GB .Ending tuberculosis by 2030-Pipe dream or reality?
Int J Infect Dis. 2020 Mar;92S:S51-S54. doi: 10.1016/j.ijid.2020.02.021. Epub 2020 Feb 27.PMID: 32114202
10. Mwaba P, Chakaya JM, Petersen E, Wejse C, Zumla A, Kapata N . Advancing new diagnostic tests for latent tuberculosis infection due to multidrug-resistant strains of Mycobacterium tuberculosis - End of the road?
Int J Infect Dis. 2020 Mar;92S:S69-S71. doi: 10.1016/j.ijid.2020.02.011. Epub 2020 Feb 28.PMID: 32119979
11. Marais BJ, Chakaya J, Swaminathan S, Fox GJ, Ehtesham NZ, Ntoumi F, Zijenah L, Maurer M, Zumla A.Tackling long-term morbidity and mortality after successful tuberculosis treatment.
Lancet Infect Dis. 2020 Jun;20(6):641-642. doi: 10.1016/S1473-3099(20)30167-5. Epub 2020 Mar 23.
12. Chakaya JM, Marais B, du Cros P, Ntoumi F, Mfinanga S, Kapata N, Hasnain SE, Nathavitharana R, Zumla A . Programmatic versus personalised approaches to managing the global epidemic of multidrug-resistant tuberculosis.
Lancet Respir Med. 2020 Apr;8(4):334-335. doi: 10.1016/S2213-2600(20)30104-1. Epub 2020 Feb 27.
13. Harries AD, Martinez L, Chakaya JM. Monitoring the COVID-19 pandemic in sub-Saharan Africa: focusing on health facility admissions and deaths.
Int J Tuberc Lung Dis. 2020 May 1;24(5):550-552. doi: 10.5588/ijtld.20.0176.PMID: 32398216
14. Visca D, Centis R, D'Ambrosio L, Muñoz-Torrico M, Chakaya JM, Tiberi S, Spanevello A, Sotgiu G, Migliori GB. The need for pulmonary rehabilitation following tuberculosis treatment. Int J Tuberc Lung Dis. 2020 Jul 1;24(7):720-722. doi: 10.5588/ijtld.20.0030
15. Kwizera R, Wadda V, Mugenyi L, Aanyu-Tukamuhebwa H, Nyale G, Yimer G, Chakaya J, De Jong C, Van der Molen T, Denning DW, Gore R, Kirenga BJ. Skin prick reactivity among asthmatics in East Africa. World Allergy Organ J. 2020 Jun 23;13(6):100130. doi: 10.1016/j.waojou.2020.100130. eCollection 2020 Jun.

16. Kirenga B, Chakaya J, Yimer G, Nyale G, Haile T, Muttamba W, Mugenyi L, Katagira W, Worodria W, Aanyu-Tukamuhebwa H, Lugogo N, Joloba M, Bekele A, Makumbi F, Green C, de Jong C, Kanya M, van der Molen T. Phenotypic characteristics and asthma severity in an East African cohort of adults and adolescents with asthma: findings from the African severe asthma project. *BMJ Open Respir Res.* 2020 Feb;7(1):e000484. doi: 10.1136/bmjresp-2019-000484.
17. Harries AD, Nair D, Thekkur P, Ananthakrishnan R, Thiagesan R, **Chakaya JM**, Mbithi I, Jamil B, Fatima R, Khogali M, Zachariah R, Berger SD, Satyanarayana S, Kumar AMV, Bochner AF, McClelland A. Applying “timeliness” to screening and prevention of TB in household contacts of pulmonary TB patients. *IJTL Open.* 2024 Feb 1;1(2):59-62. doi: 10.5588/ijtdopen.23.0615. eCollection 2024 Feb. PMID: 38966694 .
18. **Chakaya J**, Fatma R, Cader M, Harries AD. Post tuberculosis lung disease: is there a light at the end of the tunnel? *Lancet Infect Dis.* 2024 Jul;24(7):677-679. doi: 10.1016/S1473-3099(24)00136-1. Epub 2024 Mar 22. PMID: 38527476 .
19. Harries AD, Nair D, Thekkur P, Ananthakrishnan R, Thiagesan R, **Chakaya JM**, Mbithi I, Jamil B, Fatima R, Khogali M, Zachariah R, Berger SD, Satyanarayana S, Kumar AMV, Bochner AF, McClelland A. TB preventive therapy: uptake and time to initiation during implementation of “7-1-7”. *IJTL Open.* 2024 Apr 1;1(4):189-191. doi: 10.5588/ijtdopen.24.0101. eCollection 2024 Apr. PMID: 38988406
20. Abdullahi LH, Oketch S, Komen H, Mbithi I, Millington K, Mulupi S, **Chakaya J**, Zulu EM. Gendered gaps to tuberculosis prevention and care in Kenya: a political economy analysis study. *BMJ Open.* 2024 Apr 3;14(4):e077989. doi: 10.1136/bmjopen-2023-077989. PMID: 38569714
21. Nair D, Thekkur P, Mbithi I, Khogali M, Zachariah R, Dar Berger S, Satyanarayana S, Kumar AMV, Kathure I, Mwangi J, Bochner AF, McClelland A, **Chakaya JM**, Harries AD. Timeliness metrics for screening and preventing TB in household contacts of pulmonary TB patients in Kenya *IJTL Open.* 2024 Jan 1;1(1):41-49. doi: 10.5588/ijtdopen.23.0545. eCollection 2024 Jan. PMID: 38919414
22. Kirenga BJ, **Chakaya J**, Yimer G, Nyale G, Haile T, Muttamba W, Mugenyi L, Katagira W, Worodria W, Aanyu-Tukamuhebwa H, Lugogo N, Joloba M, Mersha TB, Bekele A, Makumbi F, Mekasha A, Green CL, de Jong C, Kanya M, van der Molen

T. The burden of severe asthma in sub-saharan Africa: findings from the African Severe Asthma Project.

J Allergy Clin Immunol Glob. 2024 Jan 9;3(2):100209. doi: 10.1016/j.jacig.2024.100209. eCollection 2024 May. PMID: 38328803