

Technical Review Panel Member

Curriculum Vitae

Name: Mirjam I. Bakker
 Nationality: Dutch
 Additional languages: English
 Expertise: ESSH, TB

Qualifications

Qualification	Institution	Department	Year
PhD	University of Amsterdam	Academic Medical Center	2005
MSc	Wageningen University	Human Nutrition & Epidemiology	1998

Employment History

Employer	Position	Place	Year
KIT Institute – Global Health	Senior Epidemiologist	Amsterdam, The Netherlands	2023-current
KIT Royal Tropical Institute – Global Health	Team Lead Epidemiology Team	Amsterdam, The Netherlands	2015-2022
KIT Royal Tropical Institute – Biomedical Research	Research associate/ Epidemiologist	Amsterdam, The Netherlands	2008-2014

London School of Hygiene and Tropical Medicine	Project Coordinator	Chilumba, Malawi	2007
KIT Royal Tropical Institute – Biomedical Research	Epidemiologist/PhD candidate	Amsterdam, The Netherlands	2000-2006
Presbyterian Primary Health Care	Nutrition consultant	Bolgatanga, Ghana	1999
Municipal Health Services (GGD) West-Holland	Epidemiologist	Voorburg, The Netherlands	1998

Relevant Publications

1. Sesay U, Serna-Chavez HM, Gebru GN, Kangbai JB, Ogbonna U, Squire JS, **Bakker MI**. Assessing the impact of COVID-19 on routine immunization in Sierra Leone. BMC Public Health 2024; 24(1):1795.
2. de Groot LM, Straetemans M, Maraba N, Jennings L, Gler MT, Marcelo D, Mekoro M, Steenkamp P, Gavioli R, Spaulding A, Prophete E, Bury M, Banu S, Sultana S, Onjare B, Efo E, Alacapa J, Levy J, Morales MLL, Katamba A, Bogdanov A, Gamazina K, Kumarkul D, Ekaterina OL, Cattamanchi A, Khan A, **Bakker MI**. Time Trend Analysis of Tuberculosis Treatment While Using Digital Adherence Technologies-An Individual Patient Data Meta-Analysis of Eleven Projects across Ten High Tuberculosis-Burden Countries. Trop Med Infect Dis. 2022;7(5):65.
3. Bigio J, Aquilera Vasquez N, Huria L, Pande T, Creswell J, Ananthakrishnan R, Bimba JS, Cuevas LE, Vo L, **Bakker MI**, Rahman T, Pai M. Engaging pharmacies in tuberculosis control: operational lessons from 19 case detection interventions in high-burden countries. BMJ Global Health 2022;7:e008661.
4. Ohene SA, Bonsu F, Adusi-Poku Y, Dzata F, **Bakker M**. Case finding of tuberculosis among mining communities in Ghana. PLoS One 2021 Mar 18;16(3)
5. Creswell J, Khan A, **Bakker MI**, Brouwer M, Kamineni VV, Mergenthaler C, Smelyanskaya M, Qin ZZ, Ramis O, Stevens R, Reddy KS, Blok L. The TB REACH Initiative: Supporting TB Elimination Efforts in the Asia-Pacific Trop Med Infect Dis. 2020 Oct 26;5(4)
6. Siahaan ES, **Bakker MI**, Pasaribu R, Khan A, Pande T, Hasibuan AM, Creswell J. Islands of tuberculosis elimination: an evaluation of community-based active case finding in North Sumatra, Indonesia. Trop Med Infect Dis. 2020 Oct 26;5(4).
7. van Gurp M, Rood E, Fatima R, Joshi P, Verma SC, Khan AH, Blok L, Mergenthaler C, **Bakker MI**. Finding gaps in TB notifications: spatial analysis of geographical patterns of TB notifications, associations with TB program efforts and social determinants of TB risk in Bangladesh, Nepal and Pakistan. BMC Infect Dis. 2020 Jul 10;20(1):490.
8. Straetemans M, **Bakker MI**, Alba S, Mergenthaler C, Rood E, Andersen PH, Schimmel H, Simunovic A, Svetina P, Carvalho C, Lyytikäinen O, Abubakar I, Harris RJ, Ködmön C, van der Werf MJ, van Hest R. Completeness of tuberculosis (TB) notification: inventory studies and capture-recapture analyses, six European Union countries, 2014 to 2016. Euro Surveill. 2020 ;25(12).

9. Ente Rood, Ahmadul Hasan Khan, Pronab Kumar Modak, Christina Mergenthale, Margo van Gorp, Lucie Blok and **Mirjam Bakker**. A Spatial Analysis Framework to Monitor and Accelerate Progress towards SDG 3 to End TB in Bangladesh. *ISPRS Int. J. Geo-Inf.* 2019, 8, 14; doi:10.3390/ijgi8010014
10. Ohene SA, **Bakker MI**, Ojo J, Toonstra A, Awudi D, Klatser P. Extra-pulmonary tuberculosis: A retrospective study of patients in Accra, Ghana. *PLoS One*. 2019 Jan 9;14(1):e0209650. doi: 10.1371/journal.pone.0209650. eCollection 2019.
11. Ohene SA, Bonsu F, Hanson-Nortey NN, Sackey A, Danso S, Afutu F, Klatser P, **Bakker M**. Yield of tuberculosis among household contacts of tuberculosis patients in Accra, Ghana. *Infect Dis Poverty*. 2018 Feb 27;7(1):14. doi: 10.1186/s40249-018-0396-5.
12. Franse CB, Kayigamba FR, **Bakker MI**, Mugisha V, Bagiruwigize E, Mitchell KR, Asimwe A, Schim van der Loeff MF (2017). Linkage to HIV care before and after the introduction of provider-initiated testing and counselling in six Rwandan health facilities. *AIDS Care*. Mar;29(3):326-334.
13. Straetemans M, **Bakker MI**, Mitchell EMH (2017). Correlates of observing and willingness to report stigma towards HIV clients by (TB) health workers in Africa. *Int J Tuberc Lung Dis*; 21(11):6-18.
14. Sally-Ann Ohene , Frank Bonsu, Nii Nortey Hanson-Nortey, Ardon Toonstra, Adelaide Sackey, Knut Lonnroth, Mukund Uplekar, Samuel Danso, George Mensah, Felix Afutu, Paul Klatser and **Mirjam Bakker** (2017). Provider initiated tuberculosis case finding in outpatient departments of health care facilities in Ghana: yield by screening strategy and target group. *BMC Infectious Diseases*; 17:739.
15. Kayigamba FR, Van Santen D, **Bakker MI**, Lammers J, Mugisha V, Bagiruwigize E, De Naeyer L, Asimwe A, Schim Van Der Loeff MF (2016). Does provider-initiated HIV testing and counselling lead to higher HIV testing rate and HIV case finding in Rwandan clinics? *BMC Infect Dis*. Jan 25;16:26
16. Blok L, Sahu S, Creswell J, Alba S, Stevens R, **Bakker MI** (2015). Comparative Meta-Analysis of Tuberculosis Contact Investigation Interventions in eleven High Burden Countries. *Plos One*; 10(3):e0119822
17. Blok L, Creswell J, Stevens R, Brouwer M, Ramis O, Weil O, Klatser P, Sahu S, **Bakker MI** (2014). A pragmatic approach to measuring, monitoring and evaluating interventions for improved tuberculosis case detection. *Int Health*; 6(3):181-188.
18. Kayigamba FR, **Bakker MI**, Fikse H, Mugisha V, Asimwe A, Schim van der Loeff MF (2012). Patient Enrolment into HIV Care and Treatment within 90 Days of HIV Diagnosis in Eight Rwandan Health Facilities: A Review of Facility-Based Registers. *PLoS One*; 7:e36792
19. **Bakker MI**, Hatta M, Kwenang A, Van Bethem BHB, Van Beers SM, Klatser PR, Oskam L, (2005). Prevention of leprosy using rifampicin as chemoprophylaxis. *American Journal of Tropical Medicine and Hygiene*, 72:443-448.