



Dear <<First Name>>,

Welcome to the latest TB Modelling and Analysis Consortium (TB MAC) newsletter, with information for TB modellers, epidemiologists, and decision-makers. Please see below exciting TB job opportunities, and publications from our community. On behalf of all of us here at TB MAC we thank you for your ongoing subscription and wish you a happy festive season and new year.

Job opportunity: junior researcher at KNCV [Deadline: 15 December 2022]

KNCV are looking for two junior researchers to work on TB vaccine-related projects. The rolls will support ongoing research projects and contribute to the development of new studies and data management activities, including modelling, at both the project and institutional levels. All work will be conducted in close collaboration with KNCV technical leads, country offices and country based KNCV entities. This will involve reporting to the team lead on the teams Evidence and Impact or Prevention and Access within the Division TB Elimination & Health System Innovation (TBE&HIS) and has functional lines with the Director of the Division TBE&HIS. For more information on the job requirements and to apply please see [link](#).

Job opportunity: Post-doctoral fellowship at Johns Hopkins School of Medicine [Deadline: rolling, preferably prior to 31 December 2022]

Johns Hopkins are looking for one or more post-doctoral fellows to join a team of infectious disease modellers working at the intersection of disease dynamics, empiric epidemiological/clinical data, and public health policy both in the US and globally. The work spans a number of diseases, with a focus on providing strategic guidance for the control and elimination HIV and TB. The focus of the fellowship is on applying rigorous mathematical models to inform public health decision-making. For more details on the roll contact Dr. Anthony Fojo at anthony.fojo@jhmi.edu or see [link](#).

Recent publications from our community

[Chen et al](#) model the transmissibility of TB among students and non-students

[Ranasinghe et al](#) estimate the global impact of COVID-19 on childhood TB notifications

[McQuaid et al](#) estimate the impact of COVID-19-associated disruptions on TB diagnosis by age and sex in 45 high TB burden countries

[Jayawardana et al](#) calculate the cost-effectiveness and budget impact of novel adult TB vaccination in South Africa

[Fekadu et al](#) calculate the cost effectiveness of single and sequential testing for TB in adults living with HIV in the United States

[Cherniaev et al](#) forecast trends in TB in Russia

[Sweeney et al](#) report the cost of TB services in the multi-country Value TB study

[Muniyandi et al](#) calculate the cost-effectiveness of a shorter moxifloxacin regimen for drug-susceptible TB in India

[Mekonen & Obsu](#) modell co-infection of COVID-19 and tuberculosis

[Hassan et al](#) calculate the cost-effectiveness and budget impact of TB screening in high-risk groups in Malaysia]

[Smith et al](#) quantify heterogeneity in individual-level M.tb transmission

[Zhu et al](#) model the health impact and cost-effectiveness of TB preventive treatment for people living with HIV on antiretroviral therapy in Tanzania

[Dodd et al](#) estimate TB incidence, prevalence, and mortality in settings with generalized HIV epidemics

[Mahon et al](#) review cost-utility analyses of screening methods in latent tuberculosis infection in high-risk populations

As always, please email us with relevant news for the community and let us know if you have any recently published TB modelling papers that you would like us to highlight in our future newsletters, [email](#) us with details.

For more information on TB MAC, or to get involved, please contact any of the [TB MAC Committee](#), visit www.tb-mac.org or email us directly at tb-mac@lshtm.ac.uk.

Best wishes,

Richard, Finn, Madeleine and the TB MAC Committee

www.tb-mac.org

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GDPR compliance

In line with the new European data protection regulations (GDPR), we would like to make sure that you still want to hear from us and keep receiving the newsletter. Subscription to the newsletter means we have your name, email and organisation details stored in a private mailing list. If you no longer like us to keep this information or no longer wish to receive newsletters please click on unsubscribe below. Should you choose not to unsubscribe we will take this as your acceptance to continue receiving newsletters from us.



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Forward

2/14/23, 4:30 PM

🎄 Season greetings from TB MAC, NEW positions for early career researchers @KNCV & Johns Hopkins, & publications fro...

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