TB Modelling and Analysis Consortium

Dear <<First Name>>,

Welcome to the latest TB Modelling and Analysis Consortium(TB MAC) newsletter, with information for TB modellers, epidemiologists, and decision-makers.

PhD position at Imperial College London [17 January 2022]
An exciting PhD opportunity using mathematical modelling to optimise contact tracing for tuberculosis in the UK is now open for application. The studentship represents a cross-Imperial College PhD collaboration between the NIHR Health Protection Research Unit (HPRU) in Respiratory Infections and the NIHR HPRU in Healthcare Associated Infections and Antimicrobial Resistance, an academic partnership between Imperial College and the UK Health Security Agency. Further details are here.

Recent publications from our community
Yerramsetti et al produce global estimates of paediatric tuberculosis incidence.
Ross et al model all-age populations of household contacts for preventative treatment.
Marx et al estimate the cost-effectiveness of screening and treatment for LTBI in asylum seekers in Germany.
Ayabina et al model heterogeneity in risk of TB to assess the impact of an ACF programme on TB incidence in Vietnam and Nepal.
Uppal et al estimate the cost-effectiveness of active screening in Inuit communities in Canada.
Sumner et al estimate the potential impact of using a biomarker for targeted TB preventive therapy in people living with HIV.
McCreesh et al model patient movements through clinics in South Africa to estimate the effect of infection prevention and control measures.
Fekadu et al calculate the cost-effectiveness of video-observed therapy from a US healthcare provider perspective
Menzies et al model the health and economic benefits of tests to predict future progression to TB disease.
Shaikh et al estimate the effect of COVID-19-disrupted BCG vaccination coverage on paediatric TB mortality.
Shrestha et al modelled a community-wide screening campaign in a mid-sized city in India.

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.

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.

Best wishes,
Richard, Finn, Madeleine and the TB MAC Committee
www.tb-mac.org
tb-mac@lshtm.ac.uk

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.