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. This newsletter contains details on the next TB MAC seminar and papers from our community.

Join our next TB MAC seminar: Sandip Mandal, Rebecca Clark and Stewart Chang on Modelling TB nutritional interventions [27th June 1500-1600 BST]

TB MAC would like to invite you to join us for a seminar on Modelling TB nutritional interventions, given by members of the TB MAC community, Sandip Mandal, Rebecca Clark and Stewart Chang on the 27th June 1500-1600 BST. See below for more details on the seminar, presenters and how to join.

Seminar summary:

Approximately 20% of global TB incidence is attributable to undernutrition, which increases risk of developing TB disease and risk of TB death. Despite this, nutritional assessment and support is rarely provided in TB programmes. Recent results from the RATIONS trial in India demonstrate the effectiveness of nutritional interventions in reducing TB incidence in household contacts. Here we present results from three separate transmission modelling exercises that considered the population-level effect of implementing nutritional support.

Presenter bios:

Sandip is a Senior Advisor for Data Analytics and Mathematical Modelling at John Snow India, Delhi, and adjunct associate professor at the Indian Institute of Technology - Bombay. He also works with the Modeling, Planning and Policy Analysis team at Avenir Health, US. His current research focuses on infectious disease epidemiology, with a particular emphasis on policy issues concerning tuberculosis. He works closely with India's national TB programme, Stop-TB Partnership and the WHO Southeast Asia Regional Office. He has over 50 peer-reviewed publications.

Rebecca is a Research Fellow in the Department of Infectious Disease Epidemiology & Dynamics at LSHTM. Her research is focussed on using mathematical modelling to evaluate the health and economic impacts of interventions to reduce the burden of tuberculosis, primarily of new vaccines. She has a PhD in Infectious Disease Epidemiology from LSHTM, an MSc in Epidemiology from the University of Alberta and a BSc (Honours) in Biology and Mathematics from McMaster University.

Stewart is a computational biologist at the Bill and Melinda Gates Foundation in Washington, USA. His research interests focus on TB epidemiology and include improving case detection in high-burden settings, understanding the social determinants of disease, and analyzing high dimensional data including genomic data sets.

Joining details:

The seminar will take place online on the 27th June 1500-1600 BST, dial-in details:

https://lshtm.zoom.us/j/93907707722?pwd=bVFuR3NzamdMb1ZrNUtLWnlLQVY3Zz09

Meeting ID: 939 0770 7722

Password: 193708

Click below to add the event to your calendar and ensure you don't miss out!

Apple Google Office 365 Outlook Outlook.com Yahoo

A reminder that recordings of previous seminars can be found in the TB MAC video library:

https://tb-mac.org/tb-mac-resource/tb-modelling-video-library/

Papers:

Ryckman et al estimate the economic implications of novel TB regimens in three high-burden countries

Delgado Moya et al model the impact of 3HP and social programmes in Brazil

IHME estimate global and country-level DALYs associated with 85 pathogens (including TB) in 2019

Xu et al estimate the impact of an innovative bundled payment to TB health care providers in China

James et al calculate the impact and cost-effectiveness of BPaLM for RR-TB in Moldova

Zhang et al estimate HIV-serodifferent couples in TB-affected households in four African countries

d'Elbée et al estimate the cost-effectiveness and budget impact of decentralising childhood TB diagnosis in six high burden countries

Nagar et al review economic evaluations of pharmacological treatments for TB

Chen et al model prevalence trends in 10 high burden countries for 1980-2035

Rashid et al model the co-dynamics of TB and COVID-19

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, Christina 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.


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