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 of the next TB MAC seminar, request for examples of climate and TB modelling, Early Career Researcher meeting and papers from our community.

Join our next TB MAC seminar: Siva Emani on Quantifying gaps in the tuberculosis care cascade in Brazil [17th October 1500-1600 BST]
TB MAC would like to invite you to join us for a seminar Quantifying gaps in the tuberculosis care cascade in Brazil, given by a member of the TB MAC community, Siva Emani on the **17th October 1500-1600 BST**. See below for more details on the seminar, presenters and how to join.

Seminar summary
Sivia's work explores the burden of Brazil's tuberculosis (TB) disease using a care cascade model to estimate the health losses and TB program costs attributable to each stage in the diagnosis and treatment workflow. The study reveals that delayed diagnosis, post-TB health sequelae, and treatment loss to follow-up are the primary drivers of TB burden in Brazil. The research suggests key areas where the healthcare system can be optimised to improve TB outcomes in Brazil.

Presenter bio
Siva is a fourth-year medical student working with Professor Nicolas Menzies, Associate Professor of Global Health at the Harvard Chan School of Public Health. Siva's research interests centre around quantitative approaches to improving access and quality of global healthcare.

Joining details
The seminar will take place online on the 17th October 1500-1600 BST, dial-in details:
https://lshtm.zoom.us/j/96162027489?pwd=aFArSW9HdG5CN0I4Y0VZVGtlZG9CZz09
Meeting ID: 961 6202 7489
Password: 010708

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/

Request for examples of climate and TB modelling [1st October]
TB MAC would like to highlight any and all completed or ongoing modelling work on the impact of climate

change on TB at an upcoming international meeting of TB stakeholders. Please could you send any relevant examples, together with a brief blurb describing the work and the current stage of the research, to finn.mcquaid@lshtm.ac.uk by Tuesday, 1st October.

TB MAC Early Career Researcher meeting [1st October]

TB MAC is holding a virtual meeting on the topic of academic grants and grant writing geared towards Early Career Researchers. We have invited Professors Richard White and David Dowdy to lead the discussion on this topic and answer questions.

Prof White is Professor of Infectious Disease Modelling at the London School of Hygiene and Tropical Medicine in the UK. He co-leads the LSHTM TB Modeling Group and is the Director of TB MAC. Prof Dowdy is the Executive Vice Dean for Academic Affairs and Professor in the Departments of epidemiology and International Health at the Johns Hopkins School of Public Health in the US. We encourage prospective participants to send their questions in advance to Sourya Shrestha <sourya@jhu.edu>. Meeting details are as follows:

Time: Oct 1, 2024 11:00 AM Eastern Time (US and Canada)

https://us06web.zoom.us/j/87836609524?pwd=whOprh2TWBYERH4aXElZ3t64gtDH1d.1

Meeting ID: 878 3660 9524

Passcode: 930342

Papers

Can et al model the implications of progressive lung damage and post-TB sequelae for the health benefits of prompt TB diagnosis in high HIV prevalence settings

Liu et al evaluate the feasibility of eliminating TB in China by shortening the diagnostic delay

Diaconu et al evaluate TB infection prevention and control measures in South African primary health care facilities

Chen et al evaluate the population pharmacokinetic of pyrazinamide among Chinese patients with drug-susceptible or multidrug-resistant TB

Wang and Cao model the dynamics of TB transmission considering different genders

Li et al model TB recurrence in China

Gichuhi et al explore individual risk factors for TB treatment non-adherence in Uganda

Swartwood et al estimate health and economic outcomes of racial and ethnic TB disparities in US-born persons

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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