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.

TB MAC / WHO annual meeting - Switzerland- September 2017

Our first annual meeting was held in Switzerland in September 2017; topics included Country-level modelling and guidance, Epidemiological data collection and collation, Cost data needs of epidemiological models, and Modelling TB case detection. The presentations are now available on our website

Funding available on Modelling Case Detection

Our RfA for this year is now open, with a closing date of 31st of October 2017. This years topic is 'Modeling the epidemiology and/or economics of TB case detection.' Applications are to be made on the TB MAC website and a decision will be made by the 18th of November 2017.

Modelling Roadmap to the Union Conference

TB MAC has again put together a roadmap of modelling sessions at the Union conference that are likely to contain epi or econ math modelling. If you spot your session is missing or any errors, please edit the document directly or send any corrections or additions to tb-mac@lshtm.ac.uk

TB MAC Post Graduate Course at the Union Conference - Introduction to TB modelling

Our Post Graduate course - Introduction to TB modelling, will be on Wednesday the 11th of October, from 08:00-14:00, in room Cabanas I. You can register for the course at the Union website

TB MAC Symposium at the Union Conference

Our Symposium 'Modelling to support acceleration toward elimination' at this year's Union Conference will be on Friday the 13th of October, from 10:30-12:00, in Jalisco

Hall 10.

Recent Publications

Pedrazzoli D et al reviewed studies that have modelled the structural determinants of tuberculosis

Kirschner D et al reviewed within-host models of tuberculosis

Patel AR et al estimated the burden of non-adherence to LTBI drug therapy and the cost-effectiveness of adherence interventions

Dias A et al modelled the effect of changes in migration on notification rates in Portugal

Hella J et al modelled transmission risk in various locations across Dar es Salaam, Tanzania

Suen SC et al evaluated optimal timing of drug sensitivity testing in tuberculosis patients from a societal perspective

Khaparde S et al conducted an economic analysis of the scale-up of Xpert MTB/RIF in India

Burger RP and McLaren ZM explored the estimation of population parameters from a non-random sample, using tuberculosis as a test case

Wei W et al compared four models for predicting incidence of tuberculosis in Heng county, China

Barros AS and Pinho STR modelled stochastic dynamics for reinfection, with relevance for tuberculosis

Trauer JM et al described the AuTuMN platform for simulations of tuberculosis control interventions

Mehra M et al modelled bedaquiline treatment strategies on multidrug-resistant tuberculosis burden 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 visit www.tb-mac.org or email us directly at tb-mac@lshtm.ac.uk

Best wishes,
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