TB Modelling and Analysis Consortium

Dear <<First Name>>,

Seasons Greetings and welcome to the last edition of the TB Modelling and Analysis Consortium (TB MAC) newsletter for 2017, with information for TB modellers, epidemiologists, and decision makers.

TB MAC / WHO annual meeting report available
The summary of the first TB MAC / WHO annual meeting on 'Country-level Modelling and TB Case Detection' is now available on our website.

Modelling Case Detection funding
We received eight excellent applications for our call for proposals on improving modelling of TB Case Detection. The highest ranked two were selected by independent review for funding. We will be able to announce the awardees once contracts are signed. Thank you to all of those who submitted applications as the standard was extremely high, and we will be making a new call in Autumn 2018.

TB MAC Review
The TB MAC systematic literature review of existing academic papers that describe mathematical and economic modelling of TB has been updated, and can be found here. The updated review found an additional 455 papers to the 440 in the original review, conducted 5 years ago. Although this includes some older papers that were not originally identified, it also reflects the significant growth in TB modelling activities globally.
If you know of any papers, new or old, that have not been included but should be, please contact us at tb-mac@lshtm.ac.uk. Your contributions are much appreciated.

Union conference 2017 - Post Graduate course materials now available online
TB MAC had another successful year at the conference with around 25 people attending the 'Introduction to tuberculosis modelling' Post Graduate course. We have also made the course materials and presentations available on our website. Feedback on these materials is very welcome.

Union conference 2017 - TB MAC Symposium
The TB MAC Symposium at the 2017 conference was titled 'Modelling to support acceleration toward elimination' and the presentations are also available on our website.

TB MAC newsletter archive

Advanced TB Diagnostics course - McGill University - June 2018
McGill University are holding the above week-long course from the 18th to 22nd of June 2018. Please click underline here for more information and to register.

Recent Publications
Warsinske et al considered a model of granuloma formation
Verguet et al looked at TB control to avert catastrophic costs in India and South Africa
Pečerska et al reviewed mathematical models of TB with a particular focus on the evolution of different strains
Rudgard et al conducted an economic comparison of the effect of cash transfer strategies on catastrophic costs incurred due to TB disease
Salvatore et al modelled the effect of individual TB disease progression and recovery on population-level outcomes
Campbell et al looked at the cost-effectiveness of TB infection control in new migrants to Canada
Fojo et al projected future trends in TB in New York City, USA.
Tasillo et al looked at the cost-effectiveness of testing and treatment for latent TB in foreign-born residents in the USA
Sangana et al used a PBPK model to consider the drug interaction potential of clofazimine
Zelner et al modelled the efficacy of TB screening programs in Lima, Peru.
Marino & Kirschner used a hybrid model to consider the role of dendritic cells in TB infection
Zhao et al looked at TB transmission and control in China
Lavrova et al modelled TB disease dynamics and virulence in Russia
Schnippel et al looked at the cost-effectiveness of Bedaquiline as treatment of Rif-resistant TB in South Africa
Pandey & Venturino looked at the possibility of eradication of tuberculosis in India
Ibarguen-Mondragon et al modeled the impact of competition on the growth of Mycobacterium tuberculosis in the granuloma
Ren considered the global stability of a model with imperfect treatment

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,
Richard, Christina, Finn, and Rein and the TB MAC Committee
www.tb-mac.org
tb-mac@lshtm.ac.uk

Tweet   Forward

unsubscribe from this list   update subscription preferences