



# TB Modelling and Analysis Consortium

Dear <<First Name>>,

TB MAC would like to invite you to join us for a seminar on *WHO methods for estimating levels and trends of rifampicin resistance in tuberculosis patients*, given by a member of the TB MAC community, Professor Pete Dodd on the **9th March 1500-1600 GMT**. See below for more details on the seminar, presenter and how to join and add this event to your calendar.

## **Seminar summary:**

The WHO produces estimates of the prevalence and incidence of rifampicin-resistant tuberculosis each year in the Global Tuberculosis Report. For the most recent report, a new methodology was developed that generates estimates over time. Here we review the approach to developing these statistical models of rifampicin-resistance prevalence in different patient groups using distinct and sometimes sparse data.

## **Presenter bio:**

Pete Dodd is a modeller and epidemiologist focussed on tuberculosis, originally trained in maths (University of Cambridge) and theoretical physics (Imperial College London), before postdocs in infectious disease modelling at Imperial College London and the London School of Hygiene and Tropical Medicine. Pete is currently based at the School of Health and Related Research at the University of Sheffield, and holds an MRC fellowship centred on the use of mathematical models to better understand TB burden and epidemiology. He is also interested in modelling to interpret and evaluate cluster randomized trials, particularly systematic screening for TB, and interventions to improve detection and management of paediatric TB.

## **Joining details:**

The seminar will take place online on the **9th March 1500-1600 GMT**, Dial-in details:

Zoom meeting link: [https://lshtm.zoom.us/j/92322905200?](https://lshtm.zoom.us/j/92322905200?pwd=cW5HeU1HT2ZaMFFYc240ZytZdkNjZz09)

[pwd=cW5HeU1HT2ZaMFFYc240ZytZdkNjZz09](https://lshtm.zoom.us/j/92322905200?pwd=cW5HeU1HT2ZaMFFYc240ZytZdkNjZz09)

Meeting ID: 923 2290 5200

Password: 753 122

**Click to [add to calendar](#) to ensure you do not miss out!**

As always, please email us with relevant news for the community and let us know 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](http://www.tb-mac.org) or email us directly at [tb-mac@lshtm.ac.uk](mailto:tb-mac@lshtm.ac.uk).

Best wishes,

Richard, Finn, Madeleine and the TB MAC Committee

[www.tb-mac.org](http://www.tb-mac.org)

[tb-mac@lshtm.ac.uk](mailto:tb-mac@lshtm.ac.uk)

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