

33. Modelling to support TB control policy in the era of the End TB Strategy

**THE 46TH UNION
WORLD CONFERENCE
ON LUNG HEALTH**

CAPE TOWN, SOUTH AFRICA
2-6 DECEMBER 2015

Saturday, 05 December 2015, 10:30 - 12:00

Ballroom West-Westin

Type of session Symposium

Track Advancing the End TB strategy and other policy issues

Track2 (optional) TB epidemiology

Description Now that the post-2015 End TB Strategy targets are set at the global level, there is an urgent need to support country-level policymakers and the National Tuberculosis Programmes to assess how to reach these targets. Mathematical modelling is a critical tool for exploring the health impacts, cost-effectiveness and resource implications of future TB control options. In this session we present new results on two key initiatives addressing this need, supported by the TB Modelling and Analysis Consortium.

Target audience

1. Global health policymakers, government health programme and health policy staff
2. Academic researchers, non-governmental organisations
3. Mathematical modellers, epidemiologists

Objectives

1. Describe modelling to support TB control policy in the era of the End TB Strategy
2. Discuss TIME, a new publicly available TB model to support country-level TB control policy
3. Analyse experience using models to support TB control policies in Vietnam
4. Examine the cost-effectiveness and resource implications of reaching the post-2015 targets in three different countries
5. Discuss experience using models to support TB control policies in South Africa

Keywords Mathematical modelling; End TB Strategy; Global Plan to Stop TB; policy

Coordinator(s) Richard White (UK), Martien Borgdorff (Kenya)

Chair(s) E Jane Carter (USA)

Presentations

10:30 - 10:40 Modelling to support TB control policy in the era of the End TB Strategy
Richard White (UK)

10:40 - 11:00 TIME TB Model: a new publicly available TB model to support country-level TB control policy
Rein Houben (UK)

11:00 - 11:20 Experience using models to support TB control policies in Vietnam
Hoang Thi Thanh Thuy (Viet Nam)

11:20 - 11:40 Modelling to explore the cost-effectiveness and resource implications of reaching the post-2015 targets
Nick Menzies (USA)

11:40 - 12:00 Experience using models to support TB control policies in South Africa
Yogapragasen Pillay (South Africa)