

44. Zoonotic tuberculosis: a global socio-economic problem

Saturday, 01 November 2014, 09:15 - 11:15



Type Symposium

Track Tuberculosis

Topic Other

Description The available evidence suggest that other members of the Mycobacterium tuberculosis complex (different than *M. tb*) including *M. bovis* (the causal agent of bovine TB), *M. caprae*, *M. microti*, *M. africanum*, and also non-tuberculous mycobacterias are significantly under-represented as causal agents of extra-pulmonary and pulmonary TB diagnoses among humans, especially in rural regions at the 'human-animal' interface. This symposium will discuss the socio-economic impact of zoonotic TB and the different approaches from various countries to address the challenges posed by this disease.

Target audience Physicians, nurses, microbiologists, epidemiologists, public health specialists, pneumologists, veterinarians, professors of human and veterinary medicine, policy-makers, civil society organisations and donors.

Objectives

1. To discuss the socio-economic impact of zoonotic tuberculosis
2. To create awareness of zoonotic tuberculosis and its impact to public health
3. To discuss different approaches to address the challenges posed by zoonotic tuberculosis
4. To present the progress in tuberculosis diagnostics and vaccine development

Keywords Zoonoses; tuberculosis; public health; zoonotic TB; socio-economic

Coordinator(s) Adrian Muwonge (Uganda)

Chair(s)

Presentations

09:15 - 09:30 Prevalence of multidrug-resistant Mycobacterium bovis in bovines of eastern India: an emerging threat to human health.

09:30 - 09:45 Diagnostics challenges of Mycobacterium tuberculosis complex in Cameroon.

09:45 - 10:00 A one health approach to controlling Zoonotic TB: the Michigan (USA) experience

10:00 - 10:15 Combining human and veterinary medicine expertise for the development of human and cattle TB vaccines

10:15 - 10:30 Socio-economic impact of bovine tuberculosis in Ireland

10:30 - 10:45 An abattoir and field estimate of bovine tuberculosis in Cameroonian cattle.

10:45 - 11:00 The transmission, control and politics of bovine tuberculosis in Great Britain

11:00 - 11:15 Infection of great apes and a zoo keeper with the same Mycobacterium tuberculosis spoligotype.