

44. Zoonotic tuberculosis: a global socio-economic problem

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

Room 118/119



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) Francisco Olea-popelka (USA)

Presentations

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

09:30 - 09:45 Diagnostics challenges of Mycobacterium tuberculosis complex in Cameroon.
Franklyn Egbe (Cameroon)

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

10:00 - 10:15 Combining human and veterinary medicine expertise for the development of human and cattle TB vaccines
Kari Stoever (USA)

10:15 - 10:30 Socio-economic impact of bovine tuberculosis in Ireland
James O'keeffe (Ireland)

10:30 - 10:45 Prevalence of bovine TB and milk handling practices of different cattle rearing populations in Cameroon: the potential public health risks
Robert Kelly (UK)

10:45 - 11:00 The transmission, control and politics of bovine tuberculosis in Great Britain
Ellen Brooks-pollock (UK)

11:00 - 11:15 Infection of great apes and a zoo keeper with the same Mycobacterium tuberculosis spoligotype.
O.w. Akkerman (Netherlands)