

Zoonotic TB session II: What do humans, baboons and livestock have in common?

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

CAPE TOWN, SOUTH AFRICA
2-6 DECEMBER 2015

Saturday, 05 December 2015, 13:30 - 15:00

Room MR 1.41-1.42

Type of session	Symposium
Track	Zoonotic TB
Description	While Mycobacterium tuberculosis is the primary causal agent of human TB worldwide, the incidence of zoonotic TB caused by Mycobacterium bovis, the causal agent of bovine TB, and mycobacteria other than Mycobacterium tuberculosis complex (MTC) is underestimated and yet to be fully understood, especially in the developing world. The main challenge lies with the Mycobacterium specie-unspecific diagnostics currently used in most of the high-TB burden countries. Despite this challenge, it has been estimated that in Africa alone approximately 70,000 zoonotic TB cases occur per year. This symposium will cover all aspects of zoonotic TB.
Target audience	<ol style="list-style-type: none"> 1. Physicians, nurses, microbiologists, tuberculosis epidemiologists and pathologists 2. Public health specialists, veterinarians, scientists interested in tuberculosis 3. Policy-makers, civil society, funders, academicians and researchers
Objectives	<ol style="list-style-type: none"> 1. A dialogue between medical and veterinary fields to address challenges posed by zoonotic TB 2. To create global awareness of zoonotic TB and its impact to public health 3. To highlight the progress in TB diagnostics, vaccines and infection models 4. To identify areas of synergy in preventing and controlling zoonotic TB
Keywords	Zoonoses; tuberculosis; public health; zoonotic TB; socioeconomic
Coordinator(s)	Adrian Muwonge (Uganda), Francisco Olea-Popelka (USA)
Chair(s)	Francisco Olea-Popelka (USA), Adrian Muwonge (Uganda)
Presentations	<p>13:30 - 13:40 Human tuberculosis due to Mycobacterium bovis in the United States 2006-2013 Colleen Scott (USA)</p> <p>13:45 - 13:55 Longevity of M. bovis in fresh and souring milk and the screening of milk from communal cattle with a high prevalence of BTB for M.bovis Anita Michel (South Africa)</p> <p>14:00 - 14:10 Zoonotic tuberculosis in Brazil: a very low prevalence or a neglected problem? Marcio Silva (Brazil)</p> <p>14:15 - 14:25 Domestic Mycobacterium bovis circulating in Chacma baboons and their public health implication Munyeme Musso (Zambia)</p> <p>14:30 - 14:40 Tuberculosis diagnostic challenges in wildlife and public health implications Michele Miller (South Africa), Peter Buss (South Africa)</p> <p>14:45 - 15:00 Discussion</p>