THE 46TH UNION WORLD CONFERENCE ON LUNG HEALTH

CAPE TOWN, SOUTH AFRICA
2-6 DECEMBER 2015

A NEW AGENDA

LUNG HEALTH BEYOND 2015

The Union

05. Rats, videos and secretions: the landsape of TB detection
Friday, 04 December 2015, 12:30-13:30

Chair: James SEDDON (UK)

Track: TB diagnostics, including molecular methods

EP-136-04   **Differences In secretion of MPT64 antigen between Mycobacterium africanum West African type 2 and Mycobacterium tuberculosis sensu stricto**

A Ofori-Anyinam, F Kanuteh, I Adetifa, S Agbla, B De Jong, M Antonio, F Gehre *(Gambia, Belgium)*

EP-137-04   **Rapid diagnosis and epidemiology of Mycobacterium tuberculosis complex strains in The Gambia by metagenomic DNA sequencing directly from sputum**

E Doughty, M Sergeant, I Adetifa, M Antonio, M Pallen *(Gambia)*

EP-138-04   **Diagnosis of pulmonary and extra-pulmonary tuberculosis in Paraguay using the electronic nose (Paranose study)**

C Magis-Escurra, R Coronel Teixeira, M Rodriguez, J Gerritsen, G Chaparro Abente, D Perez, J Yntema *(Netherlands, Paraguay)*

EP-139-04   **GxAlert monitors and reduces high testing error rates in Nigeria's GeneXpert® machine**

K Jimoh Agbaiyero, L Ekbladh, M Benezet, J Takle, C Macek *(Nigeria, USA, Switzerland)*

EP-140-04   **Loss-of-function mutations in pepQ confer cross-resistance to bedaquiline and clofazimine in Mycobacterium tuberculosis**

D Almeida, T Ioerger, S-Y Li, S Tyagi, K Andries, K Mdluli, J Grosset, J Sacchettini, E Nuermberger *(USA, Belgium)*

EP-141-04   **Characterization of Mycobacterium tuberculosis complex isolates with discordant rifampicin susceptibility test results**

C N Beylis, Y Ghebrekristos, J Wojno, M Nicol, J Simpson, P Da Silva *(South Africa)*

EP-142-04   **Rat detection technology Improves TB case finding in Tanzanian prisons**

G Mgode, C Cox, T Edwards, C Mulder, E Valverde, G Mwesiga, J Maeda, J Malewa *(Tanzania, United Rep., Netherlands, Mozambique)*

EP-143-04   **Do instructional videos on sputum submission result in increased tuberculosis case detection?**

G Mhalu, J Hella, F Mhimbira, B Doulla, B Mutayoba, T Seimon, M Weiss, L Fenner *(Tanzania, United Rep., Pakistan, Switzerland)*