

01. Symptoms, sputum, sequences: TB diagnosis and resistance
Friday, 04 December 2015, 10:30-12:00

Chair(s): Joseph BURZYNSKI (USA), Nathan KAPATA (Zambia)

Track: TB diagnostics, including molecular methods

- OA-300-04** **Clinical and sputum characteristics as predictors of Mycobacterium tuberculosis positive sputum in community-wide active case finding for tuberculosis**
10:30-10:40
J Ho, P Nguyen, Ta Nguyen, K H Tran, S V Nguyen, Nhung, G Fox, G Marks (*Australia, Viet Nam*)
- OA-301-04** **A multicenter study on the new version of the GenoType MTBDRsl assay for detection of resistance to fluoroquinolones and second-line injectable drugs**
10:40-10:50
E Tagliani, P Miotto, A Cabibbe, M Mansjo, Sven Hoffner, D Hillemann, A Zalutskaya, D M Cirillo, A Skrahina (*Italy, Germany, Belarus*)
- OA-302-04** **A six-marker serum biosignature shows promise in the diagnosis of TB disease in African primary health care clinic attendees presumes to have TB**
10:50-11:00
N Chegou, J Sutherland, A Crampin, M Van Der Vyver, R Howe, H Mayanja-Kizza, G Walzl (*South Africa, Gambia, UK, Ethiopia, Uganda*)
- OA-303-04** **Xpert® MTB/RIF molecular probe binding characteristics associated with discordant confirmatory rifampicin resistance testing**
11:00-11:10
R Berhanu, P Da Silva, K Schnippel, R Kularatne, L Scott, W Stevens, C Firnhaber, C Lippincott (*South Africa*)
- OA-304-04** **Evaluation of Genotype MTBDRsl v2 line probe assay for the detection of second-line Mycobacterium tuberculosis resistance in culture isolates**
11:10-11:20
N Ismail, Y Gardee, Aw Dreyer (*South Africa*)
- OA-305-04** **Pyrazinamide drug susceptibility testing predicts smear and culture conversion in MDR-TB**
11:20-11:30
G Velasquez, Ri Calderon, M Becerra, C C Contreras, R Yataco, J Galea, L Lecca, M Murray, Mb Murray (*USA, Peru*)
- OA-306-04** **An amplicon-based next generation sequencing platform for the Illumina MiSeq for 10 genes involved in first- and second-line drug resistance**
11:30-11:40
D Operario, S Heysell, A Koeppel, E Houpt, S Turner, S Pholwat, S Banu, G Kibiki (*USA, Tanzania, United Rep.*)
- OA-307-04** **The role of sputum TB quantitative viability microscopy to predict patient infectiousness**
11:40-11:50
S Datta, J Sherman, T Valencia, M Tovar, E Ramos, R Gilman, C Evans (*UK, Peru*)
- 11:50-12:00 Discussion