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 10:30-10:40 Clinical and sputum characteristics as predictors of Mycobacterium tuberculosis positive sputum in community-wide active case finding for tuberculosis
J Ho, P Nguyen, Ta Nguyen, K H Tran, S V Nguyen, Nhung, G Fox, G Marks (Australia, Viet Nam)

OA-301-04 10:40-10:50 A multicenter study on the new version of the GenoType MTBDRsl assay for detection of resistance to fluoroquinolones and second-line injectable drugs
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 10:50-11:00 A six-marker serum biosignature shows promise in the diagnosis of TB disease in African primary health care clinic attendees presuming to have TB
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 11:00-11:10 Xpert® MTB/RIF molecular probe binding characteristics associated with discordant confirmatory rifampicin resistance testing
R Berhanu, P Da Silva, K Schnippel, R Kularatne, L Scott, W Stevens, C Firnhaber, C Lippincott (South Africa)

OA-304-04 11:10-11:20 Evaluation of Genotype MTBDRsl v2 line probe assay for the detection of second-line Mycobacterium tuberculosis resistance in culture isolates
N Ismail, Y Gardee, Aw Dreyer (South Africa)

OA-305-04 11:20-11:30 Pyrazinamide drug susceptibility testing predicts smear and culture conversion in MDR-TB
G Velasquez, Ri Calderon, M Becerra, C C Contreras, R Yataco, J Galea, L Lecca, M Murray, Mb Murray (USA, Peru)

OA-306-04 11:30-11:40 An amplicon-based next generation sequencing platform for the Illumina MiSeq for 10 genes involved in first- and second-line drug resistance
D Operario, S Heysell, A Koeppele, E Houpt, S Turner, S Pholwat, S Banu, G Kibiki (USA, Tanzania, United Rep.)

OA-307-04 11:40-11:50 The role of sputum TB quantitative viability microscopy to predict patient infectiousness
S Datta, J Sherman, T Valencia, M Tovar, E Ramos, R Gilman, C Evans (UK, Peru)

11:50-12:00 Discussion