



48. Molecular detection of TB and drug resistance - II
Saturday, 01 November 2014, 12:45-13:45

Chair: Leen Rigouts (Belgium)

Section: Tuberculosis/Bacteriology & Immunology

- PD-1045-01** **Line probe assay genotype MTB-DR plus as an effective and rapid tool for the diagnosis of smear-negative tuberculosis in bronchoalveolar lavage fluid**
M Irfan, F Idrees, K Jabeen, R Hasan (*Pakistan*)
- PD-1046-01** **Comparison of speedOligo test to Xpert MTB/RIF test for detection of tuberculosis in smear-negative HIV-infected patients**
A Okeng, E Kigozi, S Walusimbi, S Kyobe (*Sweden*)
- PD-1047-01** **The rapid phenotypic assay for simultaneously detection MTB susceptibility to drug combination by mycobacteriophage DNA analysis**
M Vladimirovsky, N Smirnova, Lubo Shipina, K Blagodatskikh, J Alekseev (*Russian Federation*)
- PD-1048-01** **Role of loop-mediated isothermal amplification (LAMP) assay in rapid diagnosis of extrapulmonary tuberculosis**
A Win, K Aye, Win May, Min Win, Mu Shwe, C Nakajima, Y Suzuki (*Myanmar, Japan*)
- PD-1049-01** **Construction of a three colour single-tube assay for resistance to first, second and third line antibiotics**
M De Vos, J Rice, P Van Helden, R M Warren, W Wangh (*South Africa, USA*)
- PD-1050-01** **Carbon nanotube and graphene based sensors for tuberculosis detection**
F Rumiche, G Lucero, B Castaneda, F Zvietcovich, F Casado, M Guzman (*Peru*)
- PD-1051-01** **Clinical validation of Primestore Molecular Transport Medium® for PCR-based detection of Mycobacterium tuberculosis in sputum samples**
R Peters, L Daum, S Omar, N Ismail, G Fischer, B Fourie (*South Africa, USA*)
- PD-1052-01** **GenoType® MTB-DRplus assay for molecular detection of multidrug-resistance in M. tuberculosis from slides and filter paper cards in Madagascar**
MS Rabodoarivelo, M Cnockaert, JC Palomino, p Vandamme, V Rasolofo Razanamparany, A Martin (*Madagascar, Belgium*)
- PD-1053-01** **Assessment of performance of the real time PCR in different biological samples used for diagnosis of extra-pulmonary tuberculosis**
F Fulco Santos, L Lira, A Peixoto, LM Lapa Montenegro, R Montenegro, J Costa Lima, G Guedes, H Schindler (*Brazil*)
- PD-1054-01** **Comparison of Lophorn PrimeSwab™ HydaFlock® and Copan FLOQSwabs™ for Detection of Mycobacterium tuberculosis using real-time PCR and next-generation**
LT Daum, SA Worthy, JD Rodriguez, M Karamchi, JP Chambers, ES Maliff, TL Templet, G Fischer (*USA*)
- PD-1055-01** **Association of eis and rrs gene mutations with phenotypic second-line injectable drug resistant patterns of Mycobacterium tuberculosis**
L Malinga, J Brand, A Stoltz, M Van Der Walt (*South Africa*)