



**07. Molecular detection of TB and drug resistance - I**  
**Thursday, 30 October 2014, 10:15-11:15**

Chair: Daniela M Cirillo (Italy)

Section: Tuberculosis/Bacteriology & Immunology

- PD-568-30**      **Cost-effectiveness of XDR-TB diagnostics: GCDD results**  
 E Groessl, N Hillery, A Trollip, L Jackson, R Garfein, T Rodwell, T Ganiats, A Catanzaro (USA)
- PD-569-30**      **Isolation and identification of nontuberculous mycobacterium by polymerase chain reaction: restriction enzyme - a simple and robust method**  
 A K Verma, Gavi Kumar, J Arora, Manp Bhalla, Shas Panchal, Vith Myneedu, R Sarin (India)
- PD-570-30**      **Rapid molecular detection of mycobacterium tuberculosis and drug-resistance to isoniazid, rifampicin, fluoroquinolones and injectable drug from sputum**  
 N Sung, N Lee, JH Jung, J Choi, H Ahn, CT Kim, H Kang (Korea, Republic Of)
- PD-571-30**      **Detecting resistance to nine anti-tuberculosis drugs in a single reaction tube**  
 M De Vos, J Rice, L Rice, B Kreiswirth, E Streicher, P Van Helden, R M Warren, W Wangh (South Africa, USA)
- PD-572-30**      **MDR-TB management in a low-income country: GeneXpert ©versus Hain Life science© assays for TB**  
 Z Kashongwe Munogolo, B Bisimwa, s Callens, E Andre (Congo - Democratic Rep., Belgium)
- PD-573-30**      **Impact of a newly-certified LPA laboratory as the only testing facility for the diagnosis of MDR-TB under PPM mode in a State of India**  
 M Mawlong, Mary Kunnemuriyil, M Puthenchirayil, P Varghese, T Rangad, G Singh, S Rynthathiang, K Rane (India)
- PD-574-30**      **Performance of MLPA assay in tuberculosis resistance detection**  
 PF Santos, Elis Dalla Costa, M C Lourenco, S Sengstake, I Bergval, R Anthony, A Kritski, M De Oliveira (Brazil, Netherlands)
- PD-575-30**      **Comparison of two molecular assays with phenotypic rifampicin DST and rpoB gene sequencing**  
 B Magazi, P Jotam , N Maningi, F Ismail, N Mbelle, T Gumbo (South Africa, USA)
- PD-576-30**      **Evaluation of a microbead-based method for simultaneous spoligotyping and detection of INH and RIF resistance in M. tuberculosis strains**  
 B Molina-moya, M Gomgnimbou, C Lafoz, S Samper, C Sola, J Dominguez (Spain)
- PD-577-30**      **Multi-center study to assess the non-inferiority of Nipro NTM+MDRTB and Hain GenoType MTBDRplus V.2 LPAs compared to Hain GenoType MTBDRplus V.1**  
 W Sikhondze, E Valli, D Hillemann, N Ismail, M Joloba, P Nabeta, C Boehme (Switzerland, Germany, South Africa, Uganda)
- PD-578-30**      **Evaluation of basic analytical performance of Pure-TB-Lamp**  
 Y Mori, Y Yuki, N Tomita, H Kanda, S Kojiya, T Notomi (Japan)
- PD-579-30**      **Comparison: the performance between Xpert MTB/RIF and line probe tool for diagnosis MDR-TB among MTB and TB-HIV in low prevalence of MDR-TB**  
 P Kunawararak, S Arunothong, A Jompaeng, S Kongsin, P Pokaew, C Chuchottaworn, C Namwat (Thailand)