

36. Molecular diagnostics: pitfalls and improvements
Saturday, 05 December 2015, 12:30-13:30

Chair: Phoebe NZOMBE (Zimbabwe)

Track: TB diagnostics, including molecular methods

- PC-1001-05** **Xpert® MTB/RIF for the diagnosis of smear-negative pulmonary TB in Ethiopia: can bleach concentration increase detection of M. tuberculosis?**
Mt Jano, D Beyene, Ga Ayana (*Ethiopia*)
- PC-1002-05** **Xpert® MTB/RIF (CBNAAT): an initial analysis of errors, indeterminates and invalid results**
P Desikan, S Dhawan, A Pauranik, S Mirza, S Mannan, A Sangwan, N Kulshreshta, M Pandey (*India*)
- PC-1003-05** **Rapid TB diagnosis using GeneXpert®: promising yet fragile?**
N Rachmayanti, R Chandra, Bey Sonata, C Widaningrum, Da Riana, A Rukmana (*Indonesia*)
- PC-1004-05** **The outcomes of Xpert® MTB/RIF test scale-up in Kenya: machine utilization rates since installation**
J Ogoro, E Masini, M Kamene, T Miura (*Kenya, Japan*)
- PC-1005-05** **Effect of sputum quality on microscopy and Xpert® MTB/RIF results in the detection of Mycobacterium tuberculosis**
F Orina, M Mwangi, W Githui (*Kenya*)
- PC-1006-05** **Usefulness of the Xpert® MTB/RIF assay in gastric aspirates for the diagnosis of tuberculosis in adult patients**
S Tahseen, C Schmotzer, Fm Khanzada, A Hussain, E Qadeer, W Aslam (*Pakistan*)
- PC-1007-05** **Comparison of the Xpert® MTB/RIF assay in bronchoalveolar lavage and gastric lavage samples**
A Kumar, Ravi Mahat (*Pakistan*)
- PC-1008-05** **The use of national Xpert® MTB/RIF's cycle threshold (Ct) as an audit indicator for program and laboratory performance**
L Scott, K Schnippel, S Molapo, R Berhanu, L Berrie, A Van Rie, W Stevens (*South Africa, USA*)