

## Culture and phenotypic drug susceptibility testing

**CHAIR:** Rumina Hasan (Pakistan)

**SECTION:** Tuberculosis/Bacteriology & Immunology

- PD-814-31 **Surveillance of anti-tuberculosis drug resistance in Cuba, 2010-2012**  
D Lemus, M Echemendia, R Díaz, A Llop, M J Llanes-cordero (Cuba)
- PD-815-31 **Exploring anti-tuberculosis activity from actinobacteria from mangrove sediment in Papua Island, Indonesia**  
H Krismawati, L Salim, A Oktavian, I Wike, Eva Fitriana, O Karapa (Indonesia)
- PD-816-31 **Limited access to diagnosis of drug-resistant TB among high-risk groups in a central province in Thailand**  
W Kateudomsup, S Jittimane (Thailand)
- PD-817-31 **Analysis of cross resistance between kanamycin and amikacin in extensive drug resistant tuberculosis isolates**  
A K Verma, Gavi Kumar, J Arora, Vith Myneedu, R Sarin (India)
- PD-818-31 **Successful replication of the Tanzanian tuberculosis detection rat programme in Mozambique**  
E Valverde, N Beyene, I Manhiça, T Edwards, A Mahoney, S Viegas, C Cox, C Mulder (Mozambique, Tanzania, United Rep.)
- PD-819-31 **Pattern of anti-tuberculosis drugs resistance among Pakistani population: a six-years study**  
M Javaid, S Asif, A Ahmed, S Siddiqi (Pakistan, USA)
- PD-820-31 **Validation of thin layer agar assay for direct rifampicin and isoniazid drug susceptibility testing in rural Shiselweni, Swaziland, 2012**  
G Obregon Boltan, B Kerschberger, G Maphalala, A Antierens, R Dela Tour (Peru, Swaziland)
- PD-821-31 **Prevalence of ofloxacin resistance among DR-, MDR- and XDR-TB patients in a TB centre, Karachi**  
A Ahmed, M Javaid, S Asif (Pakistan)
- PD-822-31 **Evaluation first line anti-tuberculosis drugs of the nitrate reductase assay for detection of resistance to the S Fourati, M Kaffel, c Marouane, S Kammoun, L Slim-saidi, F Messadi (Tunisia)**
- PD-823-31 **Antimycobacterial activity of 22 Malian medicinal plants used against Mycobacterium tuberculosis, H37Rv**  
M Ballo, M Sanogo, B Diarra, A Somboro, M Maiga, O Koita, R Sanogo, D Diallo (Mali)
- PD-824-31 **Resistance aux antituberculeux de première ligne dans les maisons d'arrêt à propos de 28 cas au Mali**  
F Camara, A Cisse, S Diarra, K Traore, L Keita, F Bougoudogo, A Van Deun (Mali, Belgium)
- PD-825-31 **Estimating the operational costs of tuberculosis diagnosis in Perú**  
T Wingfield, E Ramos, T Valencia, S Carrera, M Ching, Tom Wingfield, M Tovar, C Evans (Peru)
- PD-826-31 **High-tuberculosis diagnostic yield from culturing salivary sputum samples**  
E Ramos, A Sloutsky, CE Osorio, T Valencia, M Llacza, M Ching, M Tovar, C Evans (Peru, USA)

## AFB smear microscopy

**CHAIR:** TBC - **SECTION:** Tuberculosis/Bacteriology & Immunology

- PD-827-31 **Tests de sensibilité aux antituberculeux de première ligne à Kayes (Mali): utilisation du transport public pour l'acheminement des prélèvements**  
A Cisse, H Touré, B Diarra, K Traore, F Camara, J Kamaté, MH Kaba, F Bougoudogo (Mali)
- PD-828-31 **Comparative yielding of acid fast bacilli from three specimen examinations: experience from a high-burden laboratory in Bangladesh**  
S M M Kamal, MS Hossain, Ms Mousumi Chawdhury, Mr Sujan Kumar Sarker, Mr Ohiuddin Ahmed, Ms Umme Habiba, Ms Razia Sultana, MA Husain (Bangladesh)
- PD-829-31 **A novel automated microscope system for detection of mycobacteria in acid-fast stain procedures via image recognition technology**  
Y Lin, Y Sun, J Chen, J Chen, Z Chen, C Lee, F Huang, Y Lee (Taiwan)
- PD-830-31 **Evaluation of TBDx, an automated platform for fluorescence smear microscopy in Abuja, Nigeria**  
L Lawson, R Dacombe, J O Obasanya, S T Abdurrahman, O Oladimeji, C Iweha, C Okoli, L Cuevas (Nigeria, UK)
- PD-831-31 **Strengthening TB specimen referral in Zambia to improve diagnostic capacity: a stepwise approach**  
G Kahenya, R Chibumba, S Kaminsa, M Muvwimi, C Mulenga, N Kapata (Zambia)