Culture and phenotypic drug susceptibility testing

**Chair:** Rumina Hasan (Pakistan)  
**Section:** Tuberculosis/Bacteriology & Immunology

**Poster Discussion Session 28**

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**AFB smear microscopy**

**Chair:** TBC  •  **Section:** Tuberculosis/Bacteriology & Immunology

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| **PD-814-31**                 | Surveillance of anti-tuberculosis drug resistance in Cuba, 2010-2012  
D Lemus, M Echemendia, R Díaz, A Llo, M J Llanes-cordero (Cuba) |
| **PD-815-31**                 | Exploring anti-tuberculosis activity from actinobacteria from mangrove sediment in Papua Island, Indonesia  
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| **PD-817-31**                 | Analysis of cross resistance between kanamycin and amikacin in extensive drug resistant tuberculosis isolates  
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| **PD-818-31**                 | Successful replication of the Tanzanian tuberculosis detection rat programme in Mozambique  
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| **PD-819-31**                 | Pattern of anti-tuberculosis drugs resistance among Pakistani population: a six-years study  
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| **PD-820-31**                 | Validation of thin layer agar assay for direct rifampicin and isoniazid drug susceptibility testing in rural Shiselweni, Swaziland, 2012  
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| **PD-821-31**                 | Prevalence of ofloxacin resistance among DR-, MDR- and XDR-TB patients in a TB centre, Karachi  
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| **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-saïdi, F Messadi (Tunisia) |
| **PD-823-31**                 | Antimycobacterial activity of 22 Malian medicinal plants used against Mycobacterium tuberculosis, H37Rv  
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