THE 46TH UNION WORLD CONFERENCE ON LUNG HEALTH

CAPE TOWN, SOUTH AFRICA
2-6 DECEMBER 2015

A NEW AGENDA

LUNG HEALTH BEYOND 2015

The Union

14. Gene mutation: the engine behind drug resistance and TB strain diversity
Friday, 04 December 2015, 12:30-13:30

Chair: Lesibana MALINGA (South Africa)

Track: Drug resistance determination - molecular and phenotypic

PC-810-04 **Genomic characterisation of multidrug-resistant (MDR) and non-MDR Mycobacterium tuberculosis complex from two urban referral centres in South Nigeria**

M Senghore, J Otu, A Witney, A Kehinde, O Idigbe, B De Jong, M Pallen, M Antonio *(Gambia, Nigeria, Belgium)*

PC-811-04 **Characterization of drug-resistant Mycobacterium tuberculosis complex species: higher rates of RMP resistance among M. tuberculosis patients in Northern Ghana**

Id Otchere, A Asante-Poku, S Osei-Wusu, S Aboagye, A Forson, F Bonsu, S Gagneux, D Yeboah-Manu *(Ghana, Switzerland)*

PC-812-04 **Molecular epidemiology of extensively drug-resistant strains of M. tuberculosis in Southern Kazakhstan**

A Alenova, T Abildaev, P Tarlykov, D Raimbek, E Zholdybayeva, E Ramanculov *(Kazakhstan)*

PC-813-04 **Detection of mutations among rifampicin- and isoniazid-resistant Mycobacterium tuberculosis isolates in Kazakhstan**

Y Tursynbay, A Akhmetova, L Chingisova, V Bismilda, A Akilzhanova, U Kozhamkulov *(Kazakhstan)*

PC-814-04 **Trends in pattern of resistance to first-line anti-tuberculosis drugs, Malawi**

K Mbendera, Lc Chisuwo, F Nyakwawa, L Chaponda, F Kassa, Bg Belaineh, I Dambe, J Mpunga *(Malawi)*

PC-815-04 **The correlation between genetic mutations for isoniazid resistance by line probe assay and phenotypic resistance by drug susceptibility testing**

Z Puyen, Hada Ramirez, E Pacheco, Jr Acosta Barriga *(Peru)*

PC-816-04 **Potential of rifabutin in the treatment of rifampicin-resistant tuberculosis**

A Van Rie, M Whitfield, L Scott, F Sirgel, Y Voss De Lima, W Stevens, R M Warren *(USA, South Africa)*