



47. TB molecular epidemiology: from laboratory diversity to outbreak
Saturday, 01 November 2014, 12:45-13:45

Chair: TBC

Section: Tuberculosis/Bacteriology & Immunology

- PD-1036-01 Genetic diversity and transmission dynamic of Mycobacterium tuberculosis causing pulmonary- and extra-pulmonary tuberculosis in Thailand**
 A Chaiprasert, P Srihasasin, K Tokunaga, N Nishida, T Prammananan, Nat Smittipat, S Mahasirimongkol (Thailand)
- PD-1037-01 Tuberculosis among foreign-born persons in Japan: whole genome sequencing analysis of Mycobacterium tuberculosis isolates from residents in Tokyo**
 N Kobayashi, M Kato, T Miyoshi-akiyama, J Takasaki, M Okada, T Kirikae (Japan)
- PD-1038-01 Association between the rpo gene mutations and multidrug-resistant tuberculosis transmission**
 YM Deng, P-C Chuang, WL Huang, LC Kao, R Jou (Taiwan)
- PD-1039-01 Isoniazid resistance-associated gene mutations and ethionamide resistance among Beijing and non-Beijing genotypes of Mycobacterium tuberculosis**
 WL Huang, KF Chen, R Jou (Taiwan)
- PD-1040-01 Insights into the population structure of Mycobacterium tuberculosis using spoligotyping and RDRio in a prison unit in south-east Brazil**
 MH Saad, Fe Huber, A Sanchez, S Vasconcellos, S Machado, H Gomes, B Larouzé, P Suffys (Brazil)
- PD-1041-01 Genetic diversity of Mycobacterium tuberculosis isolates in Cuba, 2009-2010**
 Y Herrera Avila, D Lemus, C Fonseca, A Marrero Figueroa, R Diaz Rodriguez (Cuba)
- PD-1042-01 Correlación entre el estudio genético de las mutaciones de resistencia frente ETB, AMG y FQ y elantibiograma fenotipo en M. tuberculosis complex**
 N Montiel Quezel-guerraz, M Martínez-lirola, P Bermudez, M Ortega, A Sanchez Porto, MC Dominguez, A Peña Monje, MT Cabezas (Spain)
- PD-1043-01 Use of whole genome sequencing to further characterise an outbreak of extensively drug-resistant TB**
 B Mathema, J Brust, A Narechania, D Verdugo, NS Shah, J Walker, B Kreiswirth, N Gandhi (USA)
- PD-1044-01 Epidemiology of multi-drug resistant Mycobacterium tuberculosis in South Africa: a molecular analysis of historical samples**
 N Maningi, L Daum, SA Worthy, JD Rodriguez, N Bapela, G Fischer, JP Chambers, PB Fourie (South Africa, USA)
- PD-1263-01 Development of a rapid serological screening test for active tuberculosis**
 C Holm-Hansen¹, R Hammond¹, W Kinander¹, TM Chi², HT Phuong Mai², S Yimer^{1,3,4}, VT Trao², and the multinational TB Rapid Test Consortium