

55. Molecular epidemiology and modelling: how can we break the cycle of
Sunday, 06 December 2015, 12:15-13:15

Chair: Stella VAN BEERS (Netherlands)

Track: TB epidemiology

- PC-1166-06** **Molecular epidemiology of tuberculosis in Havana, Cuba, 2009**
A González Díaz, T Battaglioli, R Díaz, R Goza Valdés, E Gonzalez Ochoa, P Van Der Stuyft (*Cuba, Belgium*)
- PC-1167-06** **A bacterial perspective on tuberculosis in West Africa**
F Gehre, S Kumar, L Kendall, Me Kitata, E Abatih, M Antonio, D Berkvens, B De Jong (*Belgium, Ethiopia*)
- PC-1168-06** **A longitudinal study of the continued transmission of *Mycobacterium tuberculosis* in eastern rural China**
B Xu, L Wu, W Jiang, Q Zhao, Yi Hu (*China*)
- PC-1169-06** **Spoligotype profile of *Mycobacterium tuberculosis* complex strains isolated from pulmonary tuberculosis patients in Khartoum State, Sudan**
A Elegail, Nuha Yousif Ibrahim Mohamed, Eo Mohamed Nour, S Hoffner, M Haile (*Sudan, Sweden*)
- PC-1170-06** **Role of stochasticity in reaching the 2025 global targets**
G Huynh, M Roh (*USA*)
- PC-1171-06** **A novel regression-based tool to improve estimates of the proportion of tuberculosis incidence due to recent transmission in settings of sparse data**
P Kasaie, B Mathema, W.d. Kelton, A Azman, J Pennington, D Dowdy (*USA*)
- PC-1172-06** **Individual and population-level effects of household exposure on tuberculosis transmission: a systematic review and meta-analysis**
L Martinez, Y Shen, E Mupere, A Ezeamama, S Isaacson, A Kizza, P Hill, Cc Whalen (*USA, Uganda, New Zealand*)
- PC-1173-06** ***Mycobacterium tuberculosis* transmission is associated with attendance at community gathering places in rural Malawi**
P Khan, T Mzembe, K Kranzer, D Mulawa, O Koole, K Fielding, J Glynn, A Crampin (*UK*)
- PC-1327-06** **MDR-TB strains have an increased propensity to acquire PZA resistance in the context of DOTS-based chemotherapy**
F Lanzas, P Karakousis, E Lopez, J Jurado, J Sacchetti, T Ioerger (*Panama*)