Friday June 8th. Oral. Public Health and Map Enviroment.

1. Novel Nano-Immuno-test for the detection of live paraTB bacilli in the milk of domestic livestock. Shoor Vir Singh
2. Estimation of performance characteristics of analytical methods for Mycobacterium avium paratuberculosis (MAP) detection in milk. Butot Sophie
3. Detection of Mycobacterium avium subsp. paratuberculosis in commercial milk and milk products in Argentina. Cirone Karina
4. Culture and VNTR typing of environmental samples to determine their ability to detect MAP subtype distributions in problem dairy herds in New Zealand. Marian Price-Carter
5. Effect of calcium hydrogen carbonate mesoscopic crystals to Mycobacterium avium subsp. paratuberculosis. Eiichi Momotani
6. Free-living amoebae as an environmental host for Mycobacterium avium subsp. paratuberculosis. Hechard Yann

Friday June 8th. Poster. Public Health and Map Enviroment

1. Bio-load and bio-type profile of Mycobacterium avium subsp. paratuberculosis in raw milk and commercial milk products using 6 antigen and antibody based tests. Manju Singh
2. Detection and Isolation of MAP from skeletal muscle tissue of 39 % of 143 cattle at an abattoir. HeinrichDahmen
3. Anaerobic fermentation of slurry in mesophilic biogas plants reduces Mycobacterium avium subsp. paratuberculosis in the digestate. Donat, Karsten
4. Map in dairy goat colostrum and milk. Karianne Lievaart- Peterson
5. Mycobacterium avium supespecies paratuberculosis occurence in Crohn's disease patients at a brazilian referral center from 2007 to 2017. Isis de Freitas Espeschit