



**Wednesday June 6th. Oral. Map Control Programs and Epidemiology.**

1. Assignment of MAP type C strains from Germany to global phylogenetic MAP groups. Petra Moebius
2. Breeding for resistance against paratuberculosis: high genetic correlation between antibody response and faecal shedding. Lydia C.M. de Haer
3. Economic Impact of Control Options for Johne's Disease in Canada. Philip Rasmussen
4. Incidence of fecal excretion of Mycobacterium avium subsp. paratuberculosis in Québec dairy cows before and after the enrolment in the Voluntary Program. Juan Carlos Arango-Sabogal
5. An effective control program using a pooled faecal real-time PCR assay in herds with Johne's disease. Satoko Kawaji
6. A web based paratuberculosis risk assessment and management system for dairy farmers. Dick Sibley BVSc HonFRCVS
7. Field validation of DIVA assay for inactivated paratuberculosis vaccine. Sujata Jayaraman
8. Protective Live Attenuated and Nano-Vaccines Against Johne's Disease. Adel M. Talaat
9. Mycobacterium avium ssp. paratuberculosis (MAP) molecular diversity in Latin America and the Caribbean: A systematic review. Nathalia M Correa-Valencia
10. Phylogenetic analysis and epidemiologic modeling of the effect of Mycobacterium avium subsp. paratuberculosis genotype on milk production on three Minnesota dairy farms. Jonah Cullen
11. Prevalence of Mycobacterium avium subsp. paratuberculosis across Canada, based on environmental sampling. Caroline S. Corbett
12. Long term results of an experimental vaccination trial in dairy cattle. Joseba M. Garrido
13. Are cattle infected with multiple strains of MAP? A new computational method to detect from whole genome sequencing data. Yuanyuan Wang
14. Mycobacterium avium subsp. paratuberculosis detection in wild rabbits from southern Spain. Natalia Elguezabal
15. Paratuberculosis: telling its untold epidemiology in the historically sheep-farming Iran. Rainak Ghaderi
16. Practical experiences in delivering a commercially driven national JD program in the United Kingdom. Pete Orpin



**Wednesday June 6th. Poster. Map Control Programs and Epidemiology.**

1. Novel recombinant Mce-truncated protein antigens for diagnosis and control of paraTB infection in domestic livestock. Zahra Hemati
2. Insights on paratuberculosis in cattle at a regional scale using data-driven modeling and inference. Gael Beaunee
3. Clues on across host species occurrence of Mycobacterium avium subspecies (MAP) in Iran, a claim evidenced by RFLP-IS900 observations. Lida Abdolmohammadi Khiav
4. First report of SNP typing of Mycobacterium avium subsp. paratuberculosis isolates from Iran. Mohammad Sekhavati
5. Genomic Characterization of the Vaccine Strain of Mycobacterium avium Subspecies paratuberculosis (MAP) III & V Archived at Razi Institute by Thibault Strategy. Caroline S. Corbett
6. Occurrence of subclinical paratuberculosis in buffaloes from baixada maranhense, Brazil. Thais Rocha
7. Genotyping of Mycobacterium avium subsp. paratuberculosis isolates from Argentinian cattle using MIRU-VNTRs and SSR (shorts sequence repeats). Roberto Damian Moyano
8. Utilising farmer feedback to improve the UK National Johne's Management Plan. Pete Orpin
9. The use of the Net Promoter Score and farmer attitudes and belief to shape the UK National Johnes Management Plan. Pete Orpin
10. Control of clinical paratuberculosis in New Zealand pastoral livestock- a review. Milan Gautam
11. Frequency of paratuberculosis in goats from Regions III and IV of Guanajuato, México. José Luis Gutiérrez Hernández
12. Epidemiology, 'bio-type profile' and bio-load of Mycobacterium avium ssp. paratuberculosis infection in domestic livestock, wild animals, environment, milk, milk products including human population and control strategies: Indian perspective. Shoor Vir Singh
13. Risk factors associated with paratuberculosis in dairy farms: A systematic review. Maria Puerto-Parada
14. Farmer's Attitudes towards Paratuberculosis Control in Cattle. Donat, Karsten
15. Effectiveness of Zeolite Clinoptilolite and Copper oxide on Mycobacterium avium subsp. paratuberculosis survival. Nicolás González



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16. Molecular characterization of bovine *Mycobacterium avium* subsp. *paratuberculosis* from Korean cattle farms using IS1311 PCR-REA, MIRU-VNTR and MLSSR genotyping. Han Sang Yoo
17. Management and husbandry practices associated with potential transmission of paratuberculosis on dairy farms. Dick Sibley BVSc HonFRCVS
18. Detection of anti-*Mycobacterium avium* subsp. *paratuberculosis* antibodies in free-ranging wild deer in the Eastern Plains and Caribbean Region of Colombia. María de los Ángeles Largo Quintero
19. More insights about *Mycobacterium avium* subspecies *paratuberculosis* (MAP) infection to improve its control in dairy herds. Bernardita Collado
20. Study of the infectological role of guanaco (*Lama guanicoe*) for the *Mycobacterium avium* subsp. *paratuberculosis* infection (MAP) in Chilean Patagonia. Bernardita Collado
21. New biosecurity and paratuberculosis tools in Queensland. Lawrence Gavey
22. Seroprevalence and identification of *Mycobacterium avium* subsp. *paratuberculosis* in ovine flocks of the Aguascalientes Valley and associated risk factors. Gabriel Ernesto Pallás Guzmán
23. Sero-surveillance of Paratuberculosis and Brucellosis in Domestic Ruminant Species of Western India. Jagdip Singh Sohal
24. Seroprevalence and risk factors associated with *Mycobacterium avium* subsp. *paratuberculosis* infection in sheep flocks located at some regions in the Department of Antioquia, Colombia. Miguel Hernández-Agudelo
25. Co-existence of cattle with other ruminants is associated with *Mycobacterium avium* subsp. *paratuberculosis* presence in environmental samples from dairy herds in Northern Antioquia, Colombia. Nathalia M Correa-Valencia
26. Is it possible to detect natural infection with *Mycobacterium avium* subsp. *paratuberculosis* (MAP) of young calves in their first months of life?. Pelletier Claire
27. Faecal shedding of *Mycobacterium avium* subsp. *paratuberculosis* in vaccinated dairy goat kids. Karianne Lievaart-Peterson
28. Factors associated with improved uptake of JD control mechanisms on Australian dairy farms: Regulatory insights for Canada. Paul Douglas Burden
29. Herd prevalence estimates of *Mycobacterium avium* subsp. *paratuberculosis* infection in Saskatchewan, Canada, based on environmental samples collected at two sampling periods, 3 years apart. Caroline S. Corbett
30. Seroprevalence study of bovine paratuberculosis in dairy herds in Uruguay. Álvaro Nuñez
31. The seroprevalence of *Mycobacterium avium* subsp. *paratuberculosis* in two beef cattle of Buenos Aires Argentina. Silvia Colavecchia
32. Johne's disease studies in Uruguayan dairy cattle between 1998 and 2015. Alejandra Suanes
33. Determination of seroprevalence and risk factors of bovine paratuberculosis (map) in dairy cattle in state data of Puebla. Ruby Sandy Moreno Mejia



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34. Evaluation of the Performance of Inspectors in the Detection of Paratuberculosis (OJD) in Sheep by Abattoir Monitoring. Ian J Links
35. Genotype profile of *Mycobacterium avium* paratuberculosis isolated from red deer (*Cervus elaphus*) in Northern Italy. Alessia Galiero



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