

1. Fernández M, Benavides J, Sevilla IA, Fuertes M, Castaño P, Delgado L, García Marín JF, Garrido JM, Ferreras MC, Pérez V. Experimental infection of lambs with C and S-type strains of *Mycobacterium avium* subspecies *paratuberculosis*: immunological and pathological findings. *Vet Res*. 2014 Jan 16;45:5. doi: 10.1186/1297-9716-45-5.
2. Fernández M, Delgado L, Sevilla IA, Fuertes M, Castaño P, Royo M, Ferreras MC, Benavides J, Pérez V. Virulence attenuation of a *Mycobacterium avium* subspecies *paratuberculosis* S-type strain prepared from intestinal mucosa after bacterial culture. Evaluation in an experimental ovine model. *Res Vet Sci*. 2015 Apr;99:180-7.
3. Fernández M, Fuertes M, Elguezabal N, Castaño P, Royo M, Ferreras MC, Benavides J, Pérez V. Immunohistochemical expression of interferon- γ in different types of granulomatous lesions associated with bovine paratuberculosis. *Comp Immunol Microbiol Infect Dis*. 2017;51:1-8.
4. Fernández M, Benavides J, Castaño P, Elguezabal N, Fuertes M, Muñoz M, Royo M, Ferreras MC, Pérez V. Macrophage Subsets Within Granulomatous Intestinal Lesions in Bovine Paratuberculosis. *Vet Pathol*. 2017 Jan;54(1):82-93.