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Title: Pathological, immunological and parasitological study of sheep vaccinated with the recombinant protein 14-3-3z and experimentally infected with *Fasciola hepatica*

Authors: R. Pérez-Caballero, M. Siles-Lucas, J. González-Miguel, F.J. Martínez-Moreno, A. Escamilla, J. Pérez, A. Martínez-Moreno, L. Buffoni-Perazzo



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Pathological, immunological and parasitological study of sheep vaccinated with the recombinant protein 14-3-3z and experimentally infected with *Fasciola hepatica*

Pérez-Caballero, R.¹, Siles-Lucas, M.², González-Miguel, J.², Martínez-Moreno, F.J.¹, Escamilla, A.³, Pérez, J.³, Martínez-Moreno, A.¹, Buffoni-Perazzo, L.^{1*}.

¹Animal Health Department (Parasitology and Parasitic Diseases), Faculty of Veterinary Medicine, University of Córdoba, Campus de Rabanales, Ctra. Madrid-Cádiz, km 396, 14014 Córdoba, Spain.

²Institute of Natural Resources and Agrobiology (IRNASA, CSIC), Sustainable Development Department, C/Cordel de Merinas, 52, 37008, Salamanca, Spain.

³Anatomy and Comparative Pathology Department, Faculty of Veterinary Medicine, University of Córdoba, Campus de Rabanales, Ctra. Madrid-Cádiz, km 396, 14014 Córdoba, Spain.

*Corresponding author e-mail: h12bupel@uco.es

Highlights

- A new *F. hepatica* recombinant protein (rFh14-3-3z) was obtained and evaluated for the first time as vaccine candidate.
- The immunogenicity, liver fluke burden and hepatic damage was analysed in vaccinated and non vaccinated sheep.
- The rFh14-3-3z elicited significant production of specific IgG1-IgG2, being IgG1 the predominant subclass.

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