

2018

ANDRÉS, S.; JARAMILLO, E.; BODAS, R.; BLANCO, C.; **BENAVIDES, J.**; FERNÁNDEZ, P.; GONZÁLEZ, E.P.; FRUTOS, J.; BELENGUER, Á.; LÓPEZ, S.; GIRÁLDEZ, F.J. 2018

Grain grinding size of cereals in complete pelleted diets for growing lambs: Effects on ruminal microbiota and fermentation.

Small Ruminant Research, 159: 38-44. doi:10.1016/j.smallrumres.2017.12.009

ARRAZURIA, R; **PÉREZ, V.**; MOLINA, E.; JUSTE, R.A.; KHAFIPOUR, E.; ELGUEZÁBAL, N. 2018.

Diet induced changes in the microbiota and cell composition of rabbit gut associated lymphoid tissue (GALT).

Scientific Reports, 8 (1): 14103. doi: 10.1038/s41598-018-32484-1.

BENAVIDES, J.; FERNÁNDEZ, M.; CASTAÑO, P.; **FERRERAS, M.C.**; ORTEGA-MORA, L.; **PÉREZ, V.** 2018

Safety and efficacy of the bumped kinase inhibitor BKI-1553 in pregnant sheep experimentally infected with *Neospora caninum* tachyzoites.

International Journal for Parasitology: Drugs and Drug Resistance, 8(1):112-124. doi: 10.1016/j.ijpddr.2018.02.003

BEESLEY, N.J.; CAMINADE, C.; CHARLIER, J.; FLYNN, R.J.; HODGKINSON, J.E.; MARTINEZ-MORENO, A.; **MARTÍNEZ-VALLADARES, M.**; PEREZ, J.; RINALDI, L.; WILLIAMS DJL. 2018.

Fasciola and fasciolosis in ruminants in Europe – identifying research needs.

Transboundary and Emerging Diseases, 65 (Suppl 1): 199-216. doi: [10.1111/tbed.12682](https://doi.org/10.1111/tbed.12682)

BURRELLS, A.; TARODA, A.; OPSTEEGH, M.; SCHARES, G.; **BENAVIDES, J.**; DAM-DEISZ, C.; BARTLEY, P.M.; CHIANINI, F.; VILLENA, I.; VAN DER GIJSEN, J.; INNES, E.A.; KATZER, F. 2018.

Detection and dissemination of *Toxoplasma gondii* in experimentally infected calves, a single test does not tell the whole story.

Parasit Vectors, 11 (1) :45. <https://doi.org/10.1186/s13071-018-2632-z>

CHITNEEDI, P.K.; SUAREZ-VEGA, A.; **MARTÍNEZ-VALLADARES, M.**; ARRANZ, J.J.; GUTIERREZ-GIL, B. 2018.

Exploring the mechanisms of resistance to *Teladorsagia circumcincta* infection in sheep through the transcriptome analysis of abomasal mucosa and abomasal lymph nodes.

Veterinary Research, 2018 Apr.27; 49(1):39. doi: 10.1186/s13567-018-0534-x.

DIEZMA-DÍAZ, C.; JIMÉNEZ-MELÉNDEZ, A.; TATIANA M.; FERRE I.; **FERRERAS M.C.**; GUTIÉRREZ-EXPÓSITO D.; ROJO-MONTEJO S.; ROMÁN-TRUFERO A.; **BENAVIDES-SILVÁN, J.**; GARCÍA-LUNAR P.; CALLEJA-BUENO L.; BLANCO-MURCIA J.; OSORO K.; ORTEGA-MORA L.M.; ALVAREZ-GARCÍA G. 2018

Effect of parasite dose and host age on the infection with *Besnoitia besnoiti* tachyzoites in cattle.

Transboundary and Emerging Diseases, 65 (6): 1979-1990. doi:10.1111/tbed.12980.

ESTEBAN-BALLESTEROS, M.; **ROJO-VÁZQUEZ, F.A.**; **MARTÍNEZ-VALLADARES, M.** 2018.

Factores que favorecen el desarrollo de la resistencia a los antihelmínticos en el ganado ovino.

Albeitar, 217: 4-5.

FRUTOS, J.; ANDRÉS, S.; TREVISI, E.; **BENAVIDES, J.**; SANTOS, N.; SANTOS, A.; GIRÁLDEZ, F.J. 2018.

Moderated milk replacer restriction of ewe lambs alters gut immunity parameters during the pre-weaning period and impairs liver function and animal performance during the replacement phase.

Animal Feed Science and Technology, 243:80-89. doi: 10.1016/j.anifeedsci.2018.07.009

FRUTOS, J.; ANDRÉS, S.; YÁÑEZ-RUIZ, D.R.; **BENAVIDES, J.**; LÓPEZ, S.; SANTOS, A.; **MARTÍNEZ-VALLADARES, M.**; ROZADA, F.; GIRALDEZ, F.J. 2018.

Early feed restriction of lambs modifies ileal epimural microbiota and affects immunity parameters during the fattening period.

Animal, 12 (10): 2115-2122. doi:10.1017/S1751731118000836

GONZÁLEZ-WARLETA, M.; CASTRO-HERMIDA, J.A.; CALVO, C.; PÉREZ, V.; **GUTIÉRREZ-EXPÓSITO, D.**; REGIDOR-CERRILLO, J.; ORTEGA-MORA, L.M.; MEZO, M. 2018.

Endogenous transplacental transmission of *Neospora caninum* during successive pregnancies across three generations of naturally infected sheep.

Veterinary Research, 2018 Oct 17; 49(1):106. DOI: 10.1186/s13567-018-0601-3.

GUTIERREZ, J.; BLASCO, J.L.; ELVIRA, L.; ESNAL, A.; **BENAVIDES, J.**; MANTECÓN, A.R. 2018

Buenas prácticas en la recogida de muestras para el diagnóstico de abortos.

Tierras Ovino, 22:45-50

JUSTE, R.A.; VÁZQUEZ, P.; RUIZ-LARRAÑAGA, O.; IRIONDO, M., MANZANO, C.; AGIRRE, M.; ESTONBA, A.; GEIJO, M.V., MOLINA, E.; SEVILLA, I.A., ALONSO-HEARN, M.; GÓMEZ, N.; **PÉREZ, V.**; CORTES, A.; GARRIDO, J.M. 2018

Association between combinations of genetic polymorphisms and epidemiopathogenic forms of bovine paratuberculosis.

Heliyon, 4(2): e00535. doi: 10.1016/j.heliyon.2018.e00535

MAZUZ, M.L.; ALVAREZ-GARCÍA, G.; KING, R.; SAVISKY, I.; SHKAP, V.; ORTEGA-MORA, L.M.; **GUTIÉRREZ-EXPÓSITO, D.** 2018.

Exposure to *Neospora* spp. and *Besnoitia* spp. in wildlife from Israel.

International Journal for Parasitology: Parasites and Wildlife. 2018 Aug 17;7(3):317-321. DOI: 10.1016/j.ijppaw.2018.08.002.

PÉREZ, V.; **GUTIÉRREZ-EXPÓSITO, D.**; ARTECHE, N.; VALLEJO, R.; ROYO, M.; **BENAVIDES, J.**; **FERRERAS, M.C.** 2018.

Principales enfermedades relacionadas con la nutrición y alimentación en rumiantes.

Tierras Ovino y Caprino, 21:17-21.

RODRIGUEZ-BARBOSA, J.I.; **FERRERAS, M.C.**; BUHLER, L.; JONES, N.D.; SCHNEIDER, P.; PEREZ-SIMON, J. A.; DEL RIO, M.L. 2018.

Therapeutic implications of NK cell regulation of allogeneic CD8 T cell-mediated immune responses stimulated through the direct pathway of antigen presentation in transplantation.

MAbs, 2018 Oct 10(7):1030-1044 1-15. DOI:10.1080/19420862.2018.1502127

ROJO-VÁZQUEZ, F.A.; GONZÁLEZ-PÉREZ, J.; HERNÁNDEZ, J.N.; **MARTÍNEZ-VALLADARES, M.** 2018. Resistencia genética a helmintosis digestivas.

Albeitar, 210: 22-25.

SÁNCHEZ-SÁNCHEZ, R.; FERRE, I.; RE, M.; REGIDOR-CERRILLO, J.; BLANCO-MURCIA, J.; FERRER, L.M.; NAVARRO, T.; PIZARRO DÍAZ, M.; GONZÁLEZ-HUECAS, M.; TABANERA, E.; **BENAVIDES, J.**; ORTEGA-MORA, L.M. 2018.

Influence of dose and route of administration on the outcome of infection with the virulent *Neospora caninum* isolate Nc-Spain7 in pregnant sheep at mid-gestation

Veterinary Research, 49 (1):42. Doi: 10.1186/s13567-018-0539-5

SUÁREZ-VEGA, A.; ARRANZ, J.J.; **PÉREZ, V.**; DE LA FUENTE, L.F.; MATEO, J.; GUTIÉRREZ-GIL, B. 2018

Early adipose deposits in sheep: comparative analysis of the perirenal fat transcriptome of Assaf and Churra suckling lambs.

Animal Genetics, 49 (6): 605-617. doi: 10.1111/age.12725.