



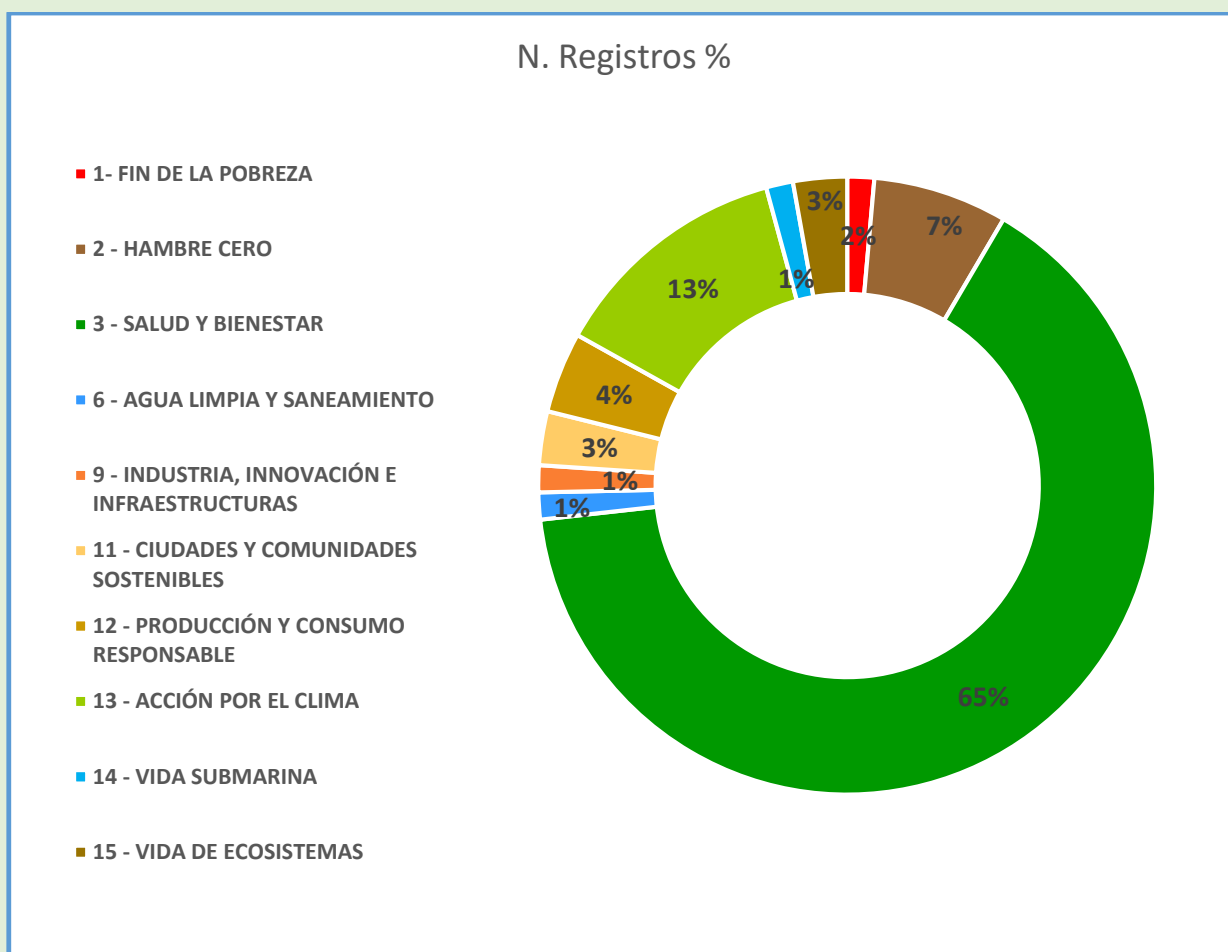
Contribución de las publicaciones del PDI de la Facultad de Veterinaria en “Web of Science” a los ODS.

Enero- julio 2023



La biblioteca de la Facultad de Veterinaria presenta este boletín semestral en el que se recogen las publicaciones que “*Web of Science*” indexa y cuya autoría es del PDI de dicha Facultad. En este listado, de momento sólo se reflejan los artículos o sus revisiones que aparecen en la *Core Collection (Web of Science)* Además, para darle más valor a este listado, hemos añadido un gráfico que refleja la aportación científica de dichas publicaciones a los ODS

Para poder analizar la contribución científica a estos objetivos se han utilizado los “*Micro Citation Topics*” definidos por los analistas del Institute of Scientific Information™ (ISI) para cada referencia, y de esa forma identificar la pertenencia de un artículo a uno o varios ODS, si bien es cierto, que no todos los “*Micro Topics*” de los documentos tienen asociado un Objetivo de Desarrollo Sostenible, por lo que en el gráfico no se reflejan todas las referencias.



Listado:

1. Abad, I., Vignard, J., Bouchenot, C., Graikini, D., Grasa, L., Pérez, M.D., Mirey, G. y Sánchez, L. (2023). "Dairy By-Products and Lactoferrin Exert Antioxidant and Antigenotoxic Activity on Intestinal and Hepatic Cells". *Foods*, 12(10), 2073 [15 p.]. DOI: 10.3390/foods12102073.
2. Abad, V., Alejandre, M., Hernández-Fernández, E., Raso, J., Cebrián, G. y Álvarez-Lanzarote, I. (2023). "Evaluation of Pulsed Electric Fields (PEF) Parameters in the Inactivation of Anisakis Larvae in Saline Solution and Hake Meat". *Foods*, 12(2), 264 [14 p.]. DOI: 10.3390/foods12020264.
3. Abdullahi, I.N., Lozano, C., Juárez-Fernández, G., Höfle, U., Simón, C., Rueda, S., Martínez, A., Álvarez-Martínez, S., Eguizábal, P., Martínez-Cámara, B., Zarazaga, M. y Torres, C. (2023). "Nasotracheal enterococcal carriage and resistomes: detection of *optrA*-, *poxxA*- and *cfrD*-carrying strains in migratory birds, livestock, pets, and in-contact humans in Spain". *European Journal of Clinical Microbiology & Infectious Diseases*, 42(5), pp. 569-581. DOI: 10.1007/s10096-023-04579-9.
4. Algorta, A., Artigas, R., Rial, A., Brandl, S., Rodellar, C., Benavides, U., Maisonnave, J. y Yaneselli, K. (2023). "Isolation and characterization of feline dental pulp stem cells". *Journal of Feline Medicine and Surgery*, 25(2), 1098612X221150625. DOI: 10.1177/1098612X221150625.
5. Arenas, J. (2023). "Pathogenic Neisseria: Pathogenicity, vaccines, and antibiotic resistance". *Frontiers in Cellular and Infection Microbiology*, 12, 1119244 [3 p.]. DOI: 10.3389/fcimb.2022.1119244.
6. Astrain-Redin, L., Skipnes, D., Cebrián, G., Álvarez-Lanzarote, I. y Rodé, T.M. (2023). "Effect of the Application of Ultrasound to Homogenize Milk and the Subsequent Pasteurization by Pulsed Electric Field, High Hydrostatic Pressure, and Microwaves". *Foods*, 12(7), 1457 [16 p.]. DOI: 10.3390/foods12071457.
7. Balduque-Gil, J., Lacueva-Pérez, F.J., Labata-Lezaun, G., del-Hoyo-Alonso, R., Ilarri, S., Sánchez-Hernández, E., Martín-Ramos, P. y Barriuso-Vargas, J.J. (2023). "Big Data and Machine Learning to Improve European Grapevine Moth

- (Lobesia botrana) Predictions". *Plants-Basel*, 12(3), 633 [16 p.]. DOI: 10.3390/plants12030633.
8. Barceló, C., Searle, K.R., Estrada, R., Lucientes, J., Miranda, M.A. y Purse, B., V. (2023). "The use of path analysis to determine effects of environmental factors on the adult seasonality of Culicoides (Diptera: Ceratopogonidae) vector species in Spain". *Bulletin of entomological research*, 113(3), pp. 402-411. DOI: 10.1017/S0007485323000068.
 9. Berzosa, A., Delso, C., Sanz, J., Sánchez-Gimeno, C. y Raso, J. (2023). "Sequential extraction of compounds of interest from yeast biomass assisted by pulsed electric fields". *Frontiers in Bioengineering and Biotechnology*, 11, 1197710 [12 p.]. DOI: 10.3389/fbioe.2023.1197710.
 10. Bodas, R., Giráldez, F.J., Olmedo, S., Herrera, M., Lorán, S., Ariño, A., López, S., Benito, A. y Juan, T. (2023). "The Effects of Aflatoxin B1 Intake in Assaf Dairy Ewes on Aflatoxin M1 Excretion, Milk Yield, Haematology and Biochemical Profile". *Animals*, 13(3), 436 [13 p.]. DOI: 10.3390/ani13030436.
 11. Calatayud, E., Ferreira, C., Oliván-Blázquez, B., Aguilar-Latorre, A. y Gómez-Soria, I. (2023). "Sex-Moderated Socio-Labor Aspects as Mediators of a Cognitive Stimulation Program in Older Adults: Randomized Clinical Trial". *Journal of Applied Gerontology*, 42(7), pp. 1486-1496 DOI: 10.1177/07334648231154040.
 12. Campos, M., Gonzalo, M.J., Diaz, A., Pico, B., Gómez-Guillamon, M.L., Monforte, A.J. y Esteras, C. (2023). "A Novel Introgression Line Library Derived from a Wild Melon Gives Insights into the Genetics of Melon Domestication, Uncovering New Genetic Variability Useful for Breeding". *International Journal of Molecular Sciences*, 24(12), 10099 [18 p.]. DOI: 10.3390/ijms241210099.
 13. Castro, A.N.C., Illia, M.C., Lendez, P.A., Illia, M.P.C., Zimmermann, B., Torres, G.J.M., Carril, J., Burgos, B.M., Ghezzi, M.D., Diez, J.J.B. y Barbeito, C.G. (2023). "Hepatic hematopoiesis in the alpaca (*Vicugna pacos*), a species with development in hypoxic environments". *Tissue & cell*, 82, 102079 [10 p.]. DOI: 10.1016/j.tice.2023.102079.
 14. Civera, A., Galán-Malo, P., Mata, L., Tobajas, A.P., Sánchez, L. y Pérez, M.D. (2023). "Development and validation of sensitive and rapid immunoassays to

- detect minute amounts of hazelnut in processed food and working surfaces". *Food Control*, 152, 109868 [9 p.]. DOI: 10.1016/j.foodcont.2023.109868.
15. Conesa, C., Bellés, A., Grasa, L. y Sánchez, L. (2023). "The Role of Lactoferrin in Intestinal Health". *Pharmaceutics*, 15(6), 1569 [31 p.]. DOI: 10.3390/pharmaceutics15061569.
 16. Contreras-Solís, I., Porcu, C., Sotgiu, F.D.D., Chessa, F., Pasciu, V., Dattena, M., Caredda, M., Abecia, J.A., Molle, G. y Berlinguer, F. (2023). "Effect of Strategic Supplementation of Dietary By-Pass Linseed Oil on Fertility and Milk Quality in Sarda Ewes". *Animals*, 13(2), 280 [13 p.]. DOI: 10.3390/ani13020280.
 17. Dashti, A., Koster, P.C., Bailo, B., Sánchez de las Matas, A., Ángel Habela, M., Rivero-Juarez, A., Vicente, J., Serrano, E., Arnal, M.C., Fernández de Luco, D., Morrondo, P., Armenteros, J.A., Balseiroj, A., Cardona, G.A., Martínez-Carrascom, C., Ortiz, J.A., Carpio, A., Calero-Bernal, R., González-Barrio, D. y Carmena, D. (2023). "Occurrence and limited zoonotic potential of *Cryptosporidium* spp., *Giardia duodenalis*, and *Balantidioides coli* infections in free-ranging and farmed wild ungulates in Spain". *Research in veterinary science*, 159, pp. 189-197. DOI: 10.1016/j.rvsc.2023.04.020.
 18. Delso, C., Berzosa, A., Sanz, J., Álvarez, I. y Raso, J. (2023). "Microbial Decontamination of Red Wine by Pulsed Electric Fields (PEF) after Alcoholic and Malolactic Fermentation: Effect on *Saccharomyces cerevisiae*, *Oenococcus oeni*, and Oenological Parameters during Storage". *Foods*, 12(2), 278 [15 p.]. DOI: 10.3390/foods12020278.
 19. Delso, C., Berzosa, A., Sanz, J., Álvarez, I. y Raso, J. (2023). "Pulsed electric field processing as an alternative to sulfites (SO₂) for controlling *saccharomyces cerevisiae* involved in the fermentation of Chardonnay white wine". *Food Research International*, 165, 112525 [8 p.]. DOI: 10.1016/j.foodres.2023.112525.
 20. Di Cataldo, S., Cevidane, A., Sepúlveda-García, P., Alvarado-Rybak, M., Lia, R.P., Otranto, D., Terio, K., Müller, A. y Millán, J. (2023). "*Spirocerca lupi* in the stomach of two Andean foxes (*Lycalopex culpaeus*) from Chile". *Parasitology research*, 122, pp. 1261-1269. DOI: 10.1007/s00436-023-07825-3.
 21. Diezma-Díaz, C., Álvarez-García, G., Regidor-Cerrillo, J., Miró, G., Villanueva-Saz, S., Dolores Pérez, M., Verde, M.T., Galán-Malo, P., Brun, A., Moreno, S.,

- Checa, R., Montoya, A., Van Voorhis, W.C. y Ortega-Mora, L.M. (2023). "A comparative study of eight serological methods shows that spike protein-based ELISAs are the most accurate tests for serodiagnosing SARS-CoV-2 infections in cats and dogs". *Frontiers in Veterinary Science*, 10, 1121935 [13 p.]. DOI: 10.3389/fvets.2023.1121935
22. Doak, S.H., Andreoli, C., Burgum, M.J., Chaudhry, Q., Bleeker, E.A.J., Bossa, C., Domenech, J., Drobne, D., Fessard, V., Jeliaskova, N., Longhin, E., Rundén-Pran, E., Stepnik, M., El Yamani, N., Catalán, J. y Dusinska, M. (2023). "Current status and future challenges of genotoxicity OECD Test Guidelines for nanomaterials: a workshop report". *Mutagenesis*, XX, pp. 1-9. DOI: 10.1093/mutage/gead017.
23. Domenech, J., Annangi, B., Marcos, R., Hernández, A. y Catalán, J. (2023). "Insights into the potential carcinogenicity of micro- and nano-plastics". *Mutation Research-Reviews in Mutation Research*, 791, 108453. DOI: 10.1016/j.mrrev.2023.108453.
24. Ducreux, B., Barberet, J., Guilleman, M., Pérez-Palacios, R., Teissandier, A., Bourc'his, D. y Fauque, P. (2023). "Assessing the influence of distinct culture media on human pre-implantation development using single-embryo transcriptomics". *Frontiers in Cell and Developmental Biology*, 11, 1155634 [14 p.]. DOI: 10.3389/fcell.2023.1155634.
25. Estrada-Peña, A. (2023). "The climate niche of the invasive tick species *Hyalomma marginatum* and *Hyalomma rufipes* (Ixodidae) with recommendations for modeling exercises". *Experimental and Applied Acarology*, 89(2), pp. 231-250. DOI: 10.1007/s10493-023-00778-3.
26. Estrada-Peña, A. y de la Fuente, J. (2023). "Evolution of Tick Vaccinology Highlights Changes in Paradigms in This Research Area". *Vaccines*, 11(2), 253 [12 p.]. DOI: 10.3390/vaccines11020253.
27. Fadón, E., Teresa Espiau, M., Errea, P., Alonso Segura, J.M. y Rodrigo, J. (2023). "Agroclimatic Requirements of Traditional European Pear (*Pyrus communis* L.) Cultivars from Australia, Europe, and North America". *Agronomy-Basel*, 13(2), 518 [13 p.]. DOI: 10.3390/agronomy13020518.

28. Fernández-Foren, A., Sosa, C., Abecia, J.A., Meikle, A. y Meneses, C. (2023). "Metabolic memory determines oviductal gene expression of underfed ewes during early gestation". *Theriogenology*, 198, pp. 123-130. DOI: 10.1016/j.theriogenology.2022.12.032.
29. Fernández, E., Mojahid, H., Fadon, E., Rodrigo, J., Ruiz, D.A., Egea, J., Ben Mimoun, M., Kodad, O., El Yaacoubi, A., Ghrab, M., Egea, J., Benmoussa, H., Borgini, N., Elloumi, O. y Luedeling, E. (2023). "Climate change impacts on winter chill in Mediterranean temperate fruit orchards". *Regional Environmental Change*, 23(1), 7 [18 p.]. DOI: 10.1007/s10113-022-02006-x.
30. Fernández, E.B., de Blas Giral, I., Lilly, G., Rodrigues, J.B. y Bringas, F.J.V. (2023). "Dental health and management practices of donkeys in the UK: What should we be considering?". *Equine Veterinary Education*, 35(7), pp. 371-381. DOI: 10.1111/eve.13758.
31. Fernández-Ruiz, N., Estrada-Peña, A., McElroy, S. y Morse, K. (2023). "Passive collection of ticks in New Hampshire reveals species-specific patterns of distribution and activity". *Journal of medical entomology*, 60(3), pp. 575-589. DOI: 10.1093/jme/tjad030.
32. Fernández-Ruiz, N., Pinecki-Socias, S., Estrada-Peña, A., Wu-Chuang, A., Maitre, A., Obregón, D., Cabezas-Cruz, A., de Blas, I. y Nijhof, A.M. (2023). "Decontamination protocols affect the internal microbiota of ticks". *Parasites & Vectors*, 16(1), 189 [13 p.]. DOI: 10.1186/s13071-023-05812-2.
33. Fondevila, G. y Fondevila, M. (2023). "Productive performance of *Tenebrio molitor* larvae in response to the protein level in the substrate". *Journal of Insects as Food and Feed*, 9(2), pp. 205-211. DOI: 10.3920/JIFF2022.0037.
34. Garatachea, N., Pueyo, E. y Eijsvogels, T.M.H. (2023). "Prevention of Sudden Death in Sports: A Global and Multidisciplinary Observatory for Scientific Research and Knowledge Transfer (PREMUBID)". *Reviews in Cardiovascular Medicine*, 24(1), 12 [5 p.]. DOI: 10.31083/j.rcm2401012.

35. García-Belenguer, S., Grasa, L., Palacio, J., Moral, J. y Rosado, B. (2023). "Effect of a Ketogenic Medium Chain Triglyceride-Enriched Diet on the Fecal Microbiota in Canine Idiopathic Epilepsy: A Pilot Study". *Veterinary Sciences*, 10(4), 245 [13 p.]. DOI: 10.3390/vetsci10040245.
36. García-Guerra, A., Ellerington, R., Gaitzsch, J., Bath, J., Kye, M., Varela, M.A., Battaglia, G., Wood, M.J.A., Manzano, R., Rinaldi, C. y Turberfield, A.J. (2023). "A modular RNA delivery system comprising spherical nucleic acids built on endosome-escaping polymeric nanoparticles". *Nanoscale Advances*, 5(11), pp. 2941-2949. DOI: 10.1039/d2na00846g.
37. Gkitsaki, I., Papachristoforou, A., Michailidou, S., Karamvalis, N., Iliadis, I., Graikini, D., Sakarikou, C., Tsoukis, E., Argyriou, A. y Giaouris, E. (2023). "The transmittable through stinging microbiota differs between honeybees and wasps: a potentially greater microbial risk of the wasp sting for humans". *International Microbiology*, 8 Feb. DOI: 10.1007/s10123-023-00332-6.
38. Gómez-Soria, I., Ferreira, C., Oliván-Blázquez, B., Aguilar-Latorre, A. y Calatayud, E. (2023). "Effects of cognitive stimulation program on cognition and mood in older adults, stratified by cognitive levels: A randomized controlled trial". *Archives of Gerontology and Geriatrics*, 110, 104984 [18 p.]. DOI: 10.1016/j.archger.2023.104984.
39. González-Mingot, C., Miana-Mena, F.J., Inarrea, P.J., Iñiguez, C., Capablo, J.L., Osta, R., Gil-Sánchez, A., Brieva, L. y Larrode, P. (2023). "Mitochondrial Aconitase Enzymatic Activity: A Potential Long-Term Survival Biomarker in the Blood of ALS Patients". *Journal of Clinical Medicine*, 12(10), 3560 [12 p.]. DOI: 10.3390/jcm12103560.
40. Gordo, A., Hernando, B., Artajona, J. y Fondevila, M. (2023). "In Vitro Study of the Effect of Ensiling Length and Processing on the Nutritive Value of Maize Silages". *Animals*, 13(3), 344 [11 p.]. DOI: 10.3390/ani13030344.
41. Gracia, A., Sánchez, A.M. y Mallor, C. (2023). "Aceptación del consumidor de la variedad tradicional Judía Blanca de Muniesa para la recuperación de su cultivo a escala comercial". *Itea-Informacion Tecnica Economica Agraria*, 119(2), pp. 172-189. DOI: 10.12706/itea.2023.001.

42. Guillén, S., Nadal, L., Halaihel, N., Mañas, P. y Cebrián, G. (2023). "Genotypic and phenotypic characterization of a *Salmonella* Typhimurium strain resistant to pulsed electric fields". *Food Microbiology*, 113, 104285 [9 p.]. DOI: 10.1016/j.fm.2023.104285.
43. Hedhly, A., Guerra, M.E., Grimplet, J. y Rodrigo, J. (2023). "S-Locus Genotyping in Japanese Plum by High Throughput Sequencing Using a Synthetic S-Loci Reference Sequence". *International Journal of Molecular Sciences*, 24(4), 3932 [18 p.]. DOI: 10.3390/ijms24043932.
44. Hernaiz, A., Cobeta, P., Marín, B., Vázquez, F.J., Badiola, J.J., Zaragoza, P., Bolea, R. y Martín-Burriel, I. (2023). "Susceptibility of Ovine Bone Marrow-Derived Mesenchymal Stem Cell Spheroids to Scrapie Prion Infection". *Animals*, 13(6), 1043 [18 p.]. DOI: 10.3390/ani13061043.
45. Hernaiz, A., Sentre, S., Betancor, M., López-Pérez, O., Salinas-Pena, M., Zaragoza, P., Badiola, J.J., Toivonen, J.M., Bolea, R. y Martín-Burriel, I. (2023). "5-Methylcytosine and 5-Hydroxymethylcytosine in Scrapie-Infected Sheep and Mouse Brain Tissues". *International Journal of Molecular Sciences*, 24(2), 1621 [21 p.]. DOI: 10.3390/ijms24021621.
46. Herrera, M., Cavero, J., Franco-Luesma, S., Álvaro-Fuentes, J., Ariño, A. y Lorán, S. (2023). "Mycotoxins and Crop Yield in Maize as Affected by Irrigation Management and Tillage Practices". *Agronomy-Basel*, 13(3), 798 [11 p.]. DOI: 10.3390/agronomy13030798.
47. Huang, R., Romero, P., Belanche, A., Ungerfeld, E.M., Yañez-Ruiz, D., Morgavi, D.P. y Popova, M. (2023). "Evaluating the effect of phenolic compounds as hydrogen acceptors when ruminal methanogenesis is inhibited in vitro-Part 1. Dairy cows". *Animal*, 17(5), 100788 [9 p.]. DOI: 10.1016/j.animal.2023.100788.
48. Jacob-Ferreira, J., Coelho, A.C., Grau Vila, A., Lacasta, D. y Quintas, H. (2023). "Small Ruminant Lentivirus Infection in Sheep and Goats in North Portugal: Seroprevalence and Risk Factors". *Pathogens*, 12(6), 829 [11 p.]. DOI: 10.3390/pathogens12060829.

49. Janardhanan, R., Olarte, C., Sanz, S., Rota, C. y Beriain, M.J. (2023). "Combined Effect of High Hydrostatic Pressure, Sous-Vide Cooking, and Carvacrol on the Quality of Veal, Plant-Based, and Hybrid Patties during Storage". *Foods*, 12(2), 289 [26 p.]. DOI: 10.3390/foods12020289.
50. Lakhssassi, K., Sarto, M.P., Marín, B., Lahoz, B., Folch, J., Alabart, J.L., Serrano, M. y Calvo, J.H. (2023). "Exploring differentially expressed genes in hypothalamic, pars tuberalis and pineal gland transcriptomes in different sexual behavior phenotypes in rams using RNA-Seq". *Journal of animal science*, 101, 365. DOI: 10.1093/jas/skac365.
51. Lama, C. D. y Villarroel, M. (2023). "Behavioural biology of South American domestic camelids: An overview from a welfare perspective". *Small Ruminant Research*, 220 (4), 106918 [13 p.]. DOI: 10.1016/j.smallrumres.2023.106918.
52. Langa-Lomba, N., González-García, V., Venturini-Crespo, M.E., Casanova-Gascón, J., Barriuso-Vargas, J.J. y Martín-Ramos, P. (2023). "Comparison of the Efficacy of Trichoderma and Bacillus Strains and Commercial Biocontrol Products against Grapevine Botryosphaeria Dieback Pathogens". *Agronomy-Basel*, 13(2), 533 [12 p.]. DOI: 10.3390/agronomy13020533.
53. Lázaro, I., Bobi, J., Cofan, M., Kapravelou, G., Amor, A.J., Surra, J., Gómez-Guerrero, C., Ortega, E., Osada, J., Dantas, A.P. y Sala-Vila, A. (2023). "Walnut inclusion in a palm oil-based atherogenic diet promotes traits predicting stable atheroma plaque in Apoe-deficient mice". *Frontiers in Nutrition*, 10, e1079407. DOI: 10.3389/fnut.2023.1079407.
54. Lenaerts, L., Passos, T.F., Gayan, E., Michiels, C.W. y Nitschke, M. (2023). "Hurdle Technology Approach to Control *Listeria monocytogenes* Using Rhamnolipid Biosurfactant". *Foods*, 12(3), 570 [14 p.]. DOI: 10.3390/foods12030570.
55. López-Carbonell, D., Altarriba, J., Ramírez, M.A., Srihi, H. y Varona, L. (2023). "Correlaciones genéticas entre caracteres morfológicos y caracteres reproductivos, de crecimiento y calidad de la canal en la raza bovina Pirenaica". *Itea-Informacion Tecnica Economica Agraria*. DOI: 10.12706/itea.2023.002.

56. Lozada Ortiz, J., Betancor, M., Pérez Lázaro, S., Bolea, R., Badiola, J.J.J. y Otero, A. (2023). "Endoplasmic reticulum stress and ubiquitin-proteasome system impairment in natural scrapie". *Frontiers in Molecular Neuroscience*, 16, 1175364. DOI: 10.3389/fnmol.2023.1175364.
57. Magalhaes, D.R., Cakmakci, C., Campo, M.d.M., Cakmakci, Y., Makishi, F., Silva, V.L.d.S. y Trindade, M.A. (2023). "Changes in the Current Patterns of Beef Consumption and Consumer Behavior Trends-Cross-Cultural Study Brazil-Spain-Turkey". *Foods*, 12(3), 475 [14 p.]. DOI: 10.3390/foods12030475.
58. Manzano, R. y Martín-Burriel, I. (2023). "Editorial: Women in veterinary experimental and diagnostic pathology: 2021". *Frontiers in Veterinary Science*, 10, 1190361. DOI: 10.3389/fvets.2023.1190361.
59. Martínez-Fernández, J., Pérez-Ibarra, I., Banos-González, I. y Ángel Esteve-Selma, M. (2023). "Social-ecological systems modelling to understand the linkages between water, agriculture and rural systems". *Ecological Modelling*, 482, 110375. DOI: 10.1016/j.ecolmodel.2023.110375.
60. Medina-Lozano, I., Arnedo, M.S., Grimplet, J. y Díaz, A. (2023). "Selection of Novel Reference Genes by RNA-Seq and Their Evaluation for Normalising Real-Time qPCR Expression Data of Anthocyanin-Related Genes in Lettuce and Wild Relatives". *International Journal of Molecular Sciences*, 24(3), 3052 [14 p.]. DOI: 10.3390/ijms24033052.
61. Miguel-Berges, M., Fajo-Pascual, M., Moreno, L.A., Campo, M., Guerrero, A., Luis Olleta, J., Santolaria Blasco, P. y Santaliestra-Pasías, A.M. (2023). "Effect of Lean Red Meat from Beef (Pirenaica Breed) Versus Lean White Meat Consumption on Diet Quality: A Randomized-Controlled Crossover Study in Healthy Young Adults". *Nutrients*, 15(1), 13 [10 p.]. DOI: 10.3390/nu15010013.
62. Miri, Y.B., Nouasri, A., Herrera, M., Djenane, D. y Ariño, A. (2023). "Antifungal Activity of Menthol, Eugenol and Their Combination against *Aspergillus ochraceus* and *Aspergillus niger* In Vitro and in Stored Cereals". *Foods*, 12(11), 2108. DOI: 10.3390/foods12112108.

63. Mocciaro, G., Allison, M., Jenkins, B., Azzu, V., Huang-Doran, I., Herrera-Marcos, L.V., Hall, Z., Murgia, A., Susan, D., Frontini, M., Vidal-Puig, A., Koulman, A., Griff, J.L. y Vacca, M. (2023). "Non-alcoholic fatty liver disease is characterised by a reduced polyunsaturated fatty acid transport via free fatty acids and high-density lipoproteins (HDL)". *Molecular Metabolism*, 73, 101728 [11 p.]. DOI: 10.1016/j.molmet.2023.101728.
64. Moniente, M., Botello-Morte, L., García-Gonzalo, D., Virto, R., Pagán, R., Ferreira, V. y Ontañón, I. (2023). "Combination of SPE and fluorescent detection of AQC-derivatives for the determination at sub-mg/L levels of biogenic amines in dairy products". *Food Research International*, 165, 112448 [9 p.]. DOI: 10.1016/j.foodres.2022.112448.
65. Moradell, A., Casajús, J.A., Moreno, L.A., Vicente-Rodríguez, G. y Gómez-Cabello, A. (2023). "Effects of Diet-Exercise Interaction on Human Health across a Lifespan". *Nutrients*, 15(11), 2520. DOI: 10.3390/nu15112520.
66. Nieto, J., Plaza, J., Lara, J., Abecia, J., Revilla, I. y Palacios, C. (2023). "Use of *Acheta domesticus* meal as a full soybean substitute in the feeding of slow-growing chicks". *Poultry science*, 102(4), 102503 [9 p.]. DOI: 10.1016/j.psj.2023.102503.
67. Oliván-Muro, I., Sarasa-Buisan, C., Guio, J., Arenas, J., Sevilla, E. y Fillat, M.F. (2023). "Unbalancing Zur (FurB)-mediated homeostasis in *Anabaena* sp. PCC7120: Consequences on metal trafficking, heterocyst development and biofilm formation". *Environmental microbiology*, 25 (7). DOI: 10.1111/1462-2920.16434.
68. Ortiz, J. L., Betancor, M., Lázaro, S.L., Bolea, R., Badiola, J.J. y Otero, A. (2023). "Endoplasmic reticulum stress and ubiquitin-proteasome system impairment in natural scrapie". *Frontiers in molecular neuroscience*, 16, 1175364 [12 p.]. DOI: 10.3389/fnmol.2023.1175364.
69. Osada, J. (2023). "Nutrition Genomics". *International Journal of Molecular Sciences*, 24(7), 6490 [3 p.]. DOI: 10.3390/ijms24076490.

70. Palacios, C., Martínez-López, A.A., Campos-Marmolejo, S.A., Plaza, J., Keller, M., Chemineau, P., Delgadillo, J.A. y Abecia, J.A. (2023). "Rams sexually activated in spring by light treatment stimulate social and sexual activities in non-activated rams". *Journal of Veterinary Behavior-Clinical Applications and Research*, 61, pp. 25-29. DOI: 10.1016/j.jveb.2022.12.003.
71. Panea, B., Mesías, F.J. y Guerrero, L. (2023). "Sensory Complexity: From Sensory Measurement to Consumption Behavior". *Foods*, 12(1), 29. DOI: 10.3390/foods12010029.
72. Panea, B. y Ripoll, G. (2023). "Sex Does Not Affect the Colour, Shear Stress, and Lipid Oxidation of Pork Meat, but Feed-Added Plant-Derived Extracts, Storage Time and Packaging Type Do". *Foods*, 12(8), 1720 [13 p.]. DOI: 10.3390/foods12081720.
73. Paz Peris, M., Dehesa, B., Alonso, H., Escolar, C., Clusa, L., Latorre-Millán, M., Rezusta, A. y Milagro, A. (2023). "Retrospective and Comparative Study of Three Molecular Assays for the Macrolide Resistance Detection in Mycoplasma genitalium Positive Urogenital Specimens". *International Journal of Molecular Sciences*, 24(8), 7218 [9 p.]. DOI: 10.3390/ijms24087218.
74. Pena-Delgado, V., Carvajal-Serna, M., Fondevila, M., Martín-Cabrejas, M.A., Aguilera, Y., Álvarez-Rivera, G., Abecia, J.A., Casao, A. y Pérez-Pé, R. (2023). "Improvement of the Seminal Characteristics in Rams Using Agri-Food By-Products Rich in Phytomelatonin". *Animals*, 13(5), 905 [15 p.]. DOI: 10.3390/ani13050905.
75. Perdomo-González, D.I., Varona, L., Molina, A., Laseca, N. y Valera, M. (2023). "Quantitative analysis of parent-of-origin effect in reproductive and morphological selection criteria in the Pura Raza Espanola horse". *Journal of Animal Breeding and Genetics*, DOI: 10.1111/jbg.12811.
76. Pérez-Ciria, L., Ripoll, G., Sanz, M.A., Blanco, M., Miana-Mena, F.J. y Latorre, M.A. (2023). "Impact of gilt immunocastration on weight losses and instrumental and chemical characteristics of Teruel dry-cured ham". *Meat Science*, 199, 109125 [8 p.]. DOI: 10.1016/j.meatsci.2023.109125.

77. Perini, F., Cardinali, I., Ceccobelli, S., Gruppetta, A., San José, C., Cosenza, M., Musso, N., Martínez, A., Abushady, A.M., Monteagudo, L., V., Liotta, L., Lancioni, H., Attard, G. y Lasagna, E. (2023). "Phylogeographic and population genetic structure of hound-like native dogs of the Mediterranean Basin". *Research in veterinary science*, 155, pp. 103-114. DOI: 10.1016/j.rvsc.2023.01.010.
78. Peris, M.P., Clusa, L., Alonso, H., Escolar, C., Fortuno, B., Rezusta, A. y Milagro, A. (2023). "Clinical Performance Evaluation of a Rapid Real-Time PCR Assay for Monkeypox Diagnosis: a Retrospective and Comparative Study". *Microbiology Spectrum*, 11(3), e00510-23. DOI: 10.1128/spectrum.00510-23.
79. Plaza, J., Abecia, J.A., Sánchez, N., Ramo, M.d.l.A., Canto, F., Nieto, J. y Palacios, C. (2023). "The Conquense transhumance route in Spain described by 3D geographical information systems, GPS and remote sensing data". *Small Ruminant Research*, 221, e106953. DOI: 10.1016/j.smallrumres.2023.106953.
80. Rey-Giménez, R., Ayala, S.V., Reig, D.L. y Sánchez-Gimeno, A.C. (2023). "Chemometric and Physico-Chemical Characterization of Fruit and Olive Oils from Autochthonous Cultivars Grown in Aragon (Spain)". *Foods*, 12(4), 803 [17 p.]. DOI: 10.3390/foods12040803.
81. Romero, P., Huang, R., Jiménez, E., Palma-Hidalgo, J.M., Ungerfeld, E.M., Popova, M., Morgavi, D.P., Belanche, A. y Yáñez-Ruiz, D.R. (2023). "Evaluating the effect of phenolic compounds as hydrogen acceptors when ruminal methanogenesis is inhibited in vitro-Part 2. Dairy goats". *Animal*, 17(5), 100789 [11 p.]. DOI: 10.1016/j.animal.2023.100789.
82. Ruijter, N., Soeteman-Hernández, L.G., Carriere, M., Boyles, M., McLean, P., Catalán, J., Katsumiti, A., Cabellos, J., Delpivo, C., Sánchez Jiménez, A., Candalija, A., Rodríguez-Llopis, I., Vázquez-Campos, S., Cassee, F.R. y Braakhuis, H. (2023). "The State of the Art and Challenges of In Vitro Methods for Human Hazard Assessment of Nanomaterials in the Context of Safe-by-Design". *Nanomaterials*, 13(3), e472. DOI: 10.3390/nano13030472.
83. Ruiz-Pesini, E., Bayona-Bafaluy, M.P., Sanclemente, T., Puzo, J., Montoya, J. y Pacheu-Grau, D. (2023). "Mitochondrial Genetic Background May Impact Statins Side Effects and Atherosclerosis Development in Familial

Hypercholesterolemia". *International Journal of Molecular Sciences*, 24(1), 471 [10 p.]. DOI: 10.3390/ijms24010471.

84. Saegerman, C., Humblet, M., Leandri, M., Gonzalez, G., Heyman, P., Sprong, H., L'Hostis, M., Moutailler, S., Bonnet, S.I., Haddad, N., Boulanger, N., Leib, S., Hoch, T., Thiry, E., Bournez, L., Kerlik, J., Velay, A., Jore, S., Jourdain, E., Gilot-Fromont, E., Brugger, K., Geller, J., Studahl, M., Knap, N., Avsic-Zupanc, T., Ruzek, D.P., Zomer, T., Bodker, R., Berger, T.F.H., Martin-Latil, S., De Regge, N., Raffetin, A.A., Lacour, S., Klein, M., Lernout, T., Quillery, E., Hubalek, Z., Ruiz-Fons, F., Estrada-Pena, A., Fravallo, P., Kooh, P., Eto, F., Gossner, C.M. y Purse, B. (2023). "First Expert Elicitation of Knowledge on Possible Drivers of Observed Increasing Human Cases of Tick-Borne Encephalitis in Europe". *Viruses-Basel*, 15(3), e791 [35 p]. DOI: 10.3390/v15030791.
85. Sánchez-Esquiliche, F., Ferreira, C., Rodríguez-Estévez, V. y Muniesa, A. (2023). "Prediction of growth performance parameters in the growing and free-range finishing phases of the Iberian pig via meta-analysis". *Spanish Journal of Agricultural Research*, 21(1), e0603 DOI: 10.5424/sjar/2023211-19218.
86. Sosa, C., Laurenzana, E., de Brun, V., Meikle, A. y Abecia, J.A. (2023). "The melatonin system is expressed in the ovine uterus: effect of the day of the oestrous cycle and undernutrition". *Reproduction Fertility and Development*, 35(11), pp. 563-574. DOI: 10.1071/RD22194.
87. Srihi, H., López-Carbonell, D., Ibáñez-Escriche, N., Casellas, J., Hernández, P., Negro, S. y Varona, L. (2023). "A Bayesian Multivariate Gametic Model in a Reciprocal Cross with Genomic Information: An Example with Two Iberian Varieties". *Animals*, 13(10), 1648 [9 p.]. DOI: 10.3390/ani13101648.
88. Tedesco, S., Irisarri, P., Santos, M.T., Feveteiro, P., Pina, A. y Kragler, F. (2023). "Early detection of grapevine graft incompatibility: Insights into translocated and virus-induced incompatibility". *Scientia Horticulturae*, 318, e112087. DOI: 10.1016/j.scienta.2023.112087.
89. Tejedor-Calvo, E., García-Barreda, S., Sanz, M.A., Gracia, A.P., Sánchez, S. y Marco, P. (2023). "Black truffle aroma transfer kinetics to food matrices". *Food Chemistry*, 417, e135814. DOI: 10.1016/j.foodchem.2023.135814.

90. Varela-Martínez, E., Bilbao-Arribas, M., Abendaño, N., Asín, J., Pérez, M., Luján, L. y Jugo, B. M. (2023). "Identification and characterization of miRNAs in spleens of sheep subjected to repetitive vaccination". *Scientific Reports*, 13(1), e6239 [10 p.]. DOI: 10.1038/s41598-023-32603-7.
91. Varona, L. y González-Recio, O. (2023). "Invited review: Recursive models in animal breeding: Interpretation, limitations, and extensions". *Journal of dairy science*, 106(4), pp. 2198-2212. DOI: 10.3168/jds.2022-22578.
92. Vázquez Bringas, F.J., Romero Lasheras, A., Laborda García, A., Gómez-Arrue Azpiazu, J., Jalón Ciércoles, J.A.G. y Vitoria Moraiz, A. (2023). "Treatment of congenital atypical haemangiosarcoma in a foal". *Equine Veterinary Education*, 35(8), e522-530. DOI: 10.1111/eve.13772.
93. Vázquez, F.J., Romero, A., Fuente, S., Barrachina, L. y Vitoria, A. (2023). "Laparoscopically Assisted Percutaneous Inguinal Ring Closure for Resolution of Inguinal/Scrotal Hernias in Rams: Cadaveric Study and Three Cases Report". *Animals*, 13(5), 836 [13 p.]. DOI: 10.3390/ani13050836.
94. Vázquez, F.J., Vitoria, A., Gómez-Arrue, J., Fuente, S., Barrachina, L., de Blas, I. y Romero, A. (2023). "Complications in Laparoscopic Access in Standing Horses Using Cannula and Trocar Units Developed for Human Medicine". *Veterinary Sciences*, 10(1), 61 [16 p.]. DOI: 10.3390/vetsci10010061.
95. Victoria Falceto, M., Suárez-Usbeck, A., Teresa Tejedor, M., Ausejo, R., María Garrido, A. y Mitjana, O. (2023). "GnRH agonists: Updating fixed-time artificial insemination protocols in sows". *Reproduction in Domestic Animals*, 58(5), pp. 571-582. DOI: 10.1111/rda.14326.
96. Villanueva-Saz, S., Martínez, M., Giner, J., Pérez, M.D., Tobajas, A.P., Yzuel, A., Verde, M.T., Lacasta, D., Fernández, A., Marteles, D. y Ruiz, H. (2023). "Evaluation of an immunochromatographic serologic test to detect the presence of anti-Toxoplasma gondii antibodies in cats". *Veterinary Clinical Pathology*, 52(2), pp. 284-287 DOI: 10.1111/vcp.13230.

97. Villanueva-Saz, S., Martínez, M., Rueda, P., Bolea, S., Pérez, M.D., Verde, M., Yzuel, A., Hurtado-Guerrero, R., Pardo, J., Santiago, L., Fernández, A. y Arias, M. (2023). "The dynamics of neutralizing antibodies against SARS-CoV-2 in cats naturally exposed to virus reveals an increase in antibody activity after re-infection". *Veterinary research communications*. DOI: 10.1007/s11259-023-10087-0.

98. Vitoria, A., Romero, A., Barrachina, L., Fuente, S., Gil, L., de Blas, I. y Bringas, F.J.V. (2023). "Development of a laparoscopic technique for inguinal hernioplasty in standing horses". *Veterinary Record*, 192(8), e2584. DOI: 10.1002/vetr.2584.