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Titulaciones

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Resultado de la investigación

Faecal cortisol levels in a wild Iberian red deer population are best explained by prior weather conditions

Gort Esteve, A., Carbajal, A., López Béjar, M., Manteca Vilanova, X., Ruiz-Olmo, J. & Riera, J. L., 15 ene 2024, En: *Journal of Zoology*. 322, 4, p. 375-385 11 p.

Evaluation of the effects of exogenous cortisol manipulation and the glucocorticoid antagonist, RU486, on the exploratory tendency of bluegill sunfish (*Lepomis macrochirus*)

Carbajal Brossa, A., Lawrence, M. J., Gilmour, K. M., Lopez-Bejar, M. & Cooke, S. J., 11 oct 2023, En: *Fish Physiology and Biochemistry*. 49, p. 1187-1198 12 p.

Reappraising the use of forearm rings for bat species

Lobato-Bailón, L., López-Baucells, A., Guixé, D., Flaquer, C., Camprodon, J., Florensa-Rius, X., Mas, M., Torrent, L., Ordeix, L., Tallo-Parra, O., Ribas, M. P., Marco, I., Carvajal, A., López-Bejar, M., Napp, S., Pailler-García, L., Espunyes, J. & Cabezón, O., oct 2023, En: *Biological Conservation*. 286, 10 p., 110268.

Relationships of scale cortisol content suggest stress resilience in freshwater fish vulnerable to catch-and-release angling in recreational fisheries

Britton, J. R., Andreou, D., Lopez-Bejar, M. & Carbajal, A., oct 2023, En: *Fisheries Research*. 266, 106776.

Health assessment of captive bearded vultures ("*Gypaetus Barbatus*") in Catalonia (Spain)

Torres-Blas, I., Migura-Garcia, L., Cerda-Cuellar, M., Carbajal, A., Lopez-Bejar, M., Mateo, R., Herrero-Villar, M., Llopis, A. & Marco, I., sept 2023, En: *Journal of Zoo and Wildlife Medicine*. 54, 3, p. 464-472 9 p.

Effect of Honey, Coenzyme Q10, and β -Carotene/ α -Tocopherol as Novel Additives in Rabbit-Sperm Cryopreservation Extender

Gardela, J., Ruiz-Conca, M., Palomares, A., Olvera-Maneu, S., García-Calvo, L., López-Béjar, M., Martínez-Pastor, F. & Álvarez-Rodríguez, M., 24 jul 2023, En: *Animals*. 13, 14, 2392.

A protein-coding gene expression atlas from the brain of pregnant and non-pregnant goats

Luigi-Sierra, M. G., Guan, D., López-Béjar, M., Casas, E., Olvera-Maneu, S., Gardela, J., Palomo, M. J., Osuagwuh, U. I., Ohaneje, U. L., Mármol-Sánchez, E. & Amills, M., 14 jul 2023, En: *Frontiers in Genetics*. 14

Dog bites as a zoonotic risk in Ecuador: Need for the implementation of a One Health approach

López Béjar, M., Calderón González, J. L., Poveda, S., Sosa, A. L., Mora, N., Orlando, S. A. & Garcia-Bereguian, M. A., jun 2023, En: *One Health*. 16, 100544.

Cortisol Variations to Estimate the Physiological Stress Response in Horses at a Traditional Equestrian Event

Olvera-Maneu, S., Carbajal, A., Serres-Corral, P. & López-Béjar, M., 24 ene 2023, En: *Animals*. 13, 3, 396.

NR3C1 and glucocorticoid-regulatory genes mRNA and protein expression in the endometrium and ampulla during the bovine estrous cycle

Ruiz-Conca, M., Gardela, J., Olvera-Maneu, S., López-Béjar, M. & Álvarez-Rodríguez, M., 20 dic 2022, En: *Research in Veterinary Science*. 152, p. 510-523 14 p.

The mRNA expression of the three major described cold-inducible proteins, including CIRBP, differs in the bovine endometrium and ampulla during the estrous cycle

Gardela, J., Ruiz-Conca, M., Olvera-Maneu, S., López-Béjar, M. & Álvarez-Rodríguez, M., 20 dic 2022, En: *Research in Veterinary Science*. 152, p. 181-189 9 p.

Apoptosis and glucocorticoid-related genes mRNA expression is modulated by coenzyme Q10 supplementation during in vitro maturation and vitrification of bovine oocytes and cumulus cells

Ruiz-Conca, M., Gardela, J., Mogas, T., López-Béjar, M. & Álvarez-Rodríguez, M., 15 oct 2022, En: *Theriogenology*. 192, p. 62-72 11 p.

Blubber and serum cortisol concentrations as indicators of the stress response and overall health status in striped dolphins

Agusti, C., Carbajal, A., Olvera-Maneu, S., Domingo, M. & Lopez-Bejar, M., 1 oct 2022, En: *Comparative Biochemistry and Physiology - A Physiology*. 272, 9 p., 111268.

Exopolysaccharide ID1 Improves Post-Warming Outcomes after Vitrification of In Vitro-Produced Bovine Embryos

Ordóñez-León, E. A., Martínez-Rodero, I., García-Martínez, T., López-Béjar, M., Yeste, M., Mercade, E. & Mogas, T., jul 2022, En: *International journal of molecular sciences*. 23, 13, 18 p., 7069.

Mild hypothermia and vitrification increase the mRNA expression of cold-inducible proteins in bovine oocytes and cumulus cells

Gardela, J., Ruiz-Conca, M., García-Sanmartín, J., Martínez, A., Mogas, T., López-Béjar, M. & Álvarez-Rodríguez, M., 1 jun 2022, En: *Theriogenology*. 185, p. 16-23 8 p.

Changes in aquaporins mRNA expression and liquid storage at 17°C: A potential biomarker of boar sperm quality?

Quintana, M. C., Gardela, J., Ruiz-Conca, M., Martínez, C. A., Rodríguez-Martínez, H., Álvarez-Rodríguez, M. & Lopez-Bejar, M., 2 may 2022, En: *Reproduction in Domestic Animals*. 57, Suppl 5, p. 78-81 4 p.

Semen Modulates Cell Proliferation and Differentiation-Related Transcripts in the Pig Peri-Ovulatory Endometrium

Gardela, J., Ruiz-Conca, M., Wright, D., López-Béjar, M., Martínez, C. A., Rodríguez-Martínez, H. & Álvarez-Rodríguez, M., 1 abr 2022, En: *Biology*. 11, 4, 16 p., 616.

Influence of sample location on blubber cortisol concentration in striped dolphins (*Stenella coeruleoalba*): The importance of the reference denominator

Carbajal, A., Agustí, C., Domingo, M., Olvera-Maneu, S. & Lopez-Bejar, M., abr 2022, En: *Marine Mammal Science*. 38, 2, p. 756-764 9 p.

El benestar de les aus amb vol restringit

Haase, G., Baumgartner, K., von Fersen, L., Merle, R., Wiegard, M., Will, H., Reese, L., Talló Parra, O., Carbajal, A., López Béjar, M. & Thöne-Reineke, C., 2022, En: *UAB Divulga*.

Comparison of Two Different Feather Sampling Methods to Measure Corticosterone in Wild Greater Flamingos (*Phoenicopterus roseus*) and Wild Mallards (*Anas platyrhynchos*)

Voit, M., Baumgartner, K., Fersen, L. V., Merle, R., Reese, L., Wiegard, L-W., Will, H., Tallo-Parra, O., Carbajal, A., Lopez-Bejar, M. & Thöne-Reineke, C., 25 sept 2021, En: *Animals*. 11, 10

Feather Corticosterone Measurements and Behavioral Observations in the Great White Pelican (*Pelecanus onocrotalus*) Living under Different Flight Restraint Conditions in German Zoos

Haase, G., Wiegard, L-W., Thöne-Reineke, C., Baumgartner, K., Fersen, L. V., Will, H., Merle, R., Lopez-Bejar, M., Tallo-Parra, O., Carbajal, A. & Reese, L., 1 sept 2021, En: *Animals*. 11, 9, 2522.

Hair cortisol, testosterone, dehydroepiandrosterone sulfate and their ratios in stallions as a retrospective measure of hypothalamic–pituitary–adrenal and hypothalamic–pituitary–gonadal axes activity: Exploring the influence of seasonality
Olvera-Maneu, S., Santacruz, J. G., Lopez-Bejar, M. & Carbajal Brossa, A., 1 ago 2021, En: *Animals*. 11, 8, 10 p., 2202.

Evaluation of fecal glucocorticoid metabolite levels in response to a change in social and handling conditions in african lions (*Panthera leo bleyenberghi*)

Serres-Corral, P., Fernández-Bellon, H., Padilla-Solé, P., Carbajal, A. & López-Béjar, M., 1 jul 2021, En: *Animals*. 11, 7, 11 p., 1877.

Assessment of captive rearing conditions on loggerhead hatchlings: Effect of handling frequency and stocking density

Usategui-Martín, A., Liria-Loza, A., Valverde, R. A., Pinós-Crosas, J., Tuya, F., Carbajal, A., López-Bejar, M. & Montero, D., 1 jun 2021, En: *Journal of Experimental Zoology Part A: Ecological and Integrative Physiology*. 335, 5, p. 489-498 10 p.

Intestinal parasites and fecal cortisol metabolites in multi-unowned-cat environments: The impact of housing conditions

Blasco, X., Manteca, X., López-Béjar, M., Carbajal, A., Castellà, J. & Ortuño, A., 30 abr 2021, En: *Animals*. 11, 5, 11 p., 1300.

A shorter equilibration period improves post-warming outcomes after vitrification and in straw dilution of in vitro-produced bovine embryos

Martínez-Rodero, I., García-Martínez, T., Ordóñez-León, E. A., Vendrell-Flotats, M., Hidalgo, C. O., Esmoris, J., Mendibil, X., Azcarate, S., López-Béjar, M., Yeste, M. & Mogas, T., 10 feb 2021, En: *Biology*. 10, 2, p. 1-16 16 p., 142.

Effect of orally administrated letrozole on reproduction performance and gene expression of FOXJ1, LPR2 and PVRL3 in reproductive tract in aged roosters

Adeldust, H., Farzinpour, A., Farshad, A., Rostamzadeh, J. & López Béjar, M., feb 2021, En: *Theriogenology*. 161, p. 131-139 9 p.

Semen modulates inflammation and angiogenesis in the reproductive tract of female rabbits

Gardela, J., Jauregi-Miguel, A., Martinez, C. A., Rodríguez-Martinez, H., López-Béjar, M. & Álvarez-Rodríguez, M., 25 nov 2020, En: *Animals*. 10, 12, p. 1-14 14 p., 2207.

Validation of an alternative feather sampling method to measure corticosterone

Voit, M., Merle, R., Baumgartner, K., von Fersen, L., Reese, L., Ladwig-Wiegard, M., Will, H., Tallo-Parra, O., Carbajal, A., Lopez-Bejar, M. & Thöne-Reineke, C., 6 nov 2020, En: *Animals*. 10, 11, p. 1-17 17 p., 2054.

Seminal Plasma Triggers the Differential Expression of the Glucocorticoid Receptor (NR3C1/GR) in the Rabbit Reproductive Tract

Ruiz-Conca, M., Gardela, J., Jauregi-Miguel, A., Martinez, C. A., Rodriguez-Martinez, H., Lopez-Bejar, M. & Alvarez-Rodriguez, M., nov 2020, En: *Animals*. 10, 11, 17 p., 2158.

In vitro maturation in the presence of Leukemia Inhibitory Factor modulates gene and miRNA expression in bovine oocytes and embryos

Vendrell-Flotats, M., García-Martínez, T., Martínez-Rodero, I., López-Béjar, M., LaMarre, J., Yeste, M. & Mogas, T., 20 oct 2020, En: *SCIENTIFIC REPORTS*. 10, 1, 17777.

Glutathione ethyl ester protects in vitro-maturing bovine oocytes against oxidative stress induced by subsequent vitrification/warming

García-Martínez, T., Vendrell-Flotats, M., Martínez-Rodero, I., Ordóñez-León, E. A., Álvarez-Rodríguez, M., López-Béjar, M., Yeste, M. & Mogas, T., 13 oct 2020, En: *International Journal of Molecular Sciences*. 21, 20, p. 1-26 26 p., 7547.

Effect of season on the in vitro fertilizing ability of frozen-thawed Spanish bovine spermatozoa

Sabés-Alsina, M., Wallgren, M., Sjunnesson, Y. C. B., Ntallaris, T., Lundeheim, N., López-Béjar, M. & Morrell, J. M., oct 2020, En: Journal of Dairy Science.

In vitro maturation with leukemia inhibitory factor prior to the vitrification of bovine oocytes improves their embryo developmental potential and gene expression in oocytes and embryos

Vendrell-Flotats, M., García-Martínez, T., Martínez-Rodero, I., Lopez-Bejar, M., Lamarre, J., Yeste, M. & Mogas, T., 25 sept 2020, En: International journal of molecular sciences. 21, 19, p. 1-22 22 p., 7067.

QUANTITATIVE DETECTION OF BIOLOGICALLY RELEVANT ANTI-MULLERIAN HORMONE (AMH) AND PROGESTERONE IN HUMAN HAIR SAMPLES.

Crisci, A. K., Ring, B., Sawarkar, S., Cabello, Y., Garcia-Calvo, L., Hebles Duvison, M., Ochoa Marieta, C., Jose Figueroa-Garcia, M., Garcia De Miguel, L., Munne, S., Alvarez-Rodriguez, M. & Lopez-Bejar, M., sept 2020, En: Fertility and Sterility. 114, 3, p. E526-E526 1 p.

The Impact of Anthropogenic Activities on Faecal Cortisol and T3 on Wild Chimpanzees (*Pan troglodytes verus*) in West Africa

Arias, M., Pacheco, L., Monclus, L., Carbajal, A., Tallo-Parra, O., Temple, D., Lopez-Bejar, M. & Manteca, X., sept 2020, En: Folia Primatologica. 91, 5, p. 530-530 1 p.

The expression of cold-inducible RNA-binding protein mma in sow genital tract is modulated by natural mating, but not by seminal plasma

Gardela, J., Ruiz-Conca, M., Martinez, C. A., Wright, D., López-Béjar, M., Rodríguez-Martínez, H. & Alvarez-Rodriguez, M., 27 jul 2020, En: International journal of molecular sciences. 21, 15, p. 1-23 23 p., 5333.

Semen modulates the expression of NGF, ABHD2, VCAN, and CTEN in the reproductive tract of female rabbits

Gardela, J., Jauregi-Miguel, A., Martinez, C. A., Rodríguez-Martínez, H., Lopez-Bejar, M. & Alvarez-Rodriguez, M., jul 2020, En: Genes (Basel). 11, 7, p. 1-16 16 p., 758.

Natural Mating Differentially Triggers Expression of Glucocorticoid Receptor (NR3C1)-Related Genes in the Preovulatory Porcine Female Reproductive Tract

Ruiz-Conca, M., Gardela, J., Martínez, C. A., Wright, D., López-Bejar, M., Rodríguez-Martínez, H. & Álvarez-Rodríguez, M., 22 jun 2020, En: International journal of molecular sciences. 21, 12, p. 1-17 17 p., 4437.

Temporary Relocation during Rest Periods: Relocation Stress and Other Factors Influence Hair Cortisol Concentrations in Horses

Gardela, J., Carbajal, A., Tallo-Parra, O., Olvera-Maneu, S., Álvarez-Rodríguez, M., Jose-Cunilleras, E. & López-Béjar, M., 8 abr 2020, En: Animals. 10, 4, 11 p., 642.

Feather corticosterone in Northern Bald Ibis *Geronticus eremita*: a stable matrix over time able to predict reproductive success

Monclús, L., Tallo-Parra, O., Carbajal, A., Quevedo, M. A. & Lopez-Bejar, M., 1 abr 2020, En: Journal of Ornithology. 161, 2, p. 557-567 11 p.

Feather Corticosterone Measurements of Greater Flamingos Living under Different Forms of Flight Restraint

Reese, L., Baumgartner, K., Fersen, L. V., Merle, R., Ladwig-Wiegard, M., Will, H., Haase, G., Tallo-Parra, O., Carbajal, A., Lopez-Bejar, M. & Thöne-Reineke, C., 1 abr 2020, En: Animals. 10, 4, 14 p., 605.

Chicken seminal fluid lacks CD9- and CD44-bearing extracellular vesicles

Alvarez-Rodriguez, M., Ntzouni, M., Wright, D., Khan, K. I., López-Béjar, M., Martinez, C. A. & Rodríguez-Martínez, H., 21 ene 2020, En: Reproduction in Domestic Animals. 55, 3, p. 293-300 8 p.

Assessment of spindle morphology and reactive oxygen species production after vitrification of bovine oocytes following invitro maturation in the presence of glutathione ethyl ester

García-Martínez, T., Vendrell-Flotats, M., Martínez-Rodero, I., Álvarez-Rodríguez, M., López-Béjar, M. & Mogas, T., 2020, En: Reproduction, Fertility and Development. 32, 2, p. 142

Short equilibration improves vitrification of invitro-produced bovine embryos using VitTrans device

Martínez-Rodero, I., García-Martínez, T., López-Béjar, M. & Mogas, T., 2020, En: *Reproduction, Fertility and Development*. 32, 2, p. 140

Vesícules extracel·lulars en plasma seminal de pollastre : caracterització i funcionalitat

López Béjar, M. & Álvarez-Rodríguez, M., 2020, En: *UAB Divulga*.

Towards non-invasive methods in measuring fish welfare: The measurement of cortisol concentrations in fish skin mucus as a biomarker of habitat quality

Carbajal, A., Soler, P., Tallo-Parra, O., Isasa, M., Echevarria, C., Lopez-Bejar, M. & Vinyoles, D., nov 2019, En: *Animals*. 9, 11, 939.

Induction of CIRBP expression by cold shock on bovine cumulus-oocyte complexes

Gardela, J., Ruiz-Conca, M., Álvarez-Rodríguez, M., Mogas, T. & López-Béjar, M., 1 oct 2019, En: *Reproduction in Domestic Animals*. 54, S4, p. 82-85 4 p.

Changes in the gene expression of the ampulla of rabbit oviduct after ovulation

Gonzalez-Brusi, L., Lopez-Andreo, M. J., Cots, P., Moros, C., Ballesta, J., Izquierdo-Rico, M. J., Alvarez-Rodriguez, M., Lopez-Bejar, M. & Aviles, M., oct 2019, En: *Reprod. Domest. Anim.*. 54, p. 126-126 1 p.

Detection of pregnancy associated glycoproteins (PAGS) in cow hair and milk, a method for pregnancy diagnosis

Carbajal, A., Puigcorbe, I., Tallo-Parra, O. & Lopez-Bejar, M., oct 2019, En: *Reprod. Domest. Anim.*. 54, p. 131-132 2 p.

Effect of Leukemia Inhibitory Factor on gene expression profiling of IVP bovine blastocysts derived from in vitro matured vitrified/warmed oocytes

Vendrell-Flotats, M., Garcia-Martinez, T., Lopez-Bejar, M., LaMarre, J., Yeste, M. & Mogas, T., oct 2019, En: *Reprod. Domest. Anim.*. 54, p. 126-126 1 p.

Mating induces up-regulation of AQP9 in the sow internal genital tract

Alvarez-Rodriguez, M., Martinez, C. A., Gardela, J., Ruiz-Conca, M., Lopez-Bejar, M. & Rodriguez-Martinez, H., oct 2019, En: *Reprod. Domest. Anim.*. 54, p. 108-108 1 p.

NR3C1 expression in response to cortisol during bovine in vitro oocyte maturation

Ruiz-Conca, M., Gardela, J., Alvarez-Rodriguez, M., Olvera-Maneu, S., Mogas, T. & Lopez-Bejar, M., oct 2019, En: *Reprod. Domest. Anim.*. 54, p. 129-129 1 p.

Seasonal testosterone levels in saliva from stallions

Olvera-Maneu, S., Gardela, J., Carbajal, A., Ruiz-Conca, M. & Lopez-Bejar, M., oct 2019, En: *Reprod. Domest. Anim.*. 54, p. 128-128 1 p.

Sperm Chromatin Structure Assay for detecting immature sperm in Blanca de Rasquera goats

Ohaneje, U. L., Alvarez-Rodriguez, M., Osuagwuh, U. I., Lopez-Bejar, M. & Palomo, M. J., oct 2019, En: *Reprod. Domest. Anim.*. 54, p. 116-116 1 p.

Seminal plasma affects the expression of the ABDH2 and VCAN genes in the sow internal genital tract

Alvarez-Rodriguez, M., Martinez, C., Lopez-Bejar, M. & Rodriguez-Martinez, H., sept 2019, En: *Reprod. Domest. Anim.*. 54, p. 115-115 1 p.

Reproductive monitoring of collared peccary females (Pecari tajacu) by analysis of fecal progesterone metabolites

Mayor, P., Guimaraes, D. A., da Silva, J., Jori, F. & Lopez-Bejar, M., 1 ago 2019, En: *Theriogenology*. 134, p. 11-17

Relationships between climate and sperm quality in dairy bull semen: A retrospective analysis

Sabés-Alsina, M., Lundeheim, N., Johannisson, A., López-Béjar, M. & Morrell, J. M., 1 jun 2019, En: *Journal of Dairy Science*. 102, p. 5623-5633

Comparative assessment of cortisol in plasma, skin mucus and scales as a measure of the hypothalamic-pituitary-interrenal axis activity in fish

Carbajal, A., Reyes-López, F. E., Tallo-Parra, O., Lopez-Bejar, M. & Tort, L., 15 may 2019, En: *Aquaculture*. 506, p. 410-416 7 p.

Variation in scale cortisol concentrations of a wild freshwater fish: Habitat quality or seasonal influences?

Carbajal, A., Tallo-Parra, O., Monclús, L., Vinyoles, D., Solé, M., Lacorte, S. & Lopez-Bejar, M., 1 may 2019, En: *General and Comparative Endocrinology*. 275, p. 44-50

The risk of using monoclonal or polyclonal commercial antibodies: controversial results on porcine sperm CD44 receptor identification

Alvarez-Rodriguez, M., López-Bejar, M. & Rodriguez-Martinez, H., 1 abr 2019, En: *Reproduction in Domestic Animals*. 54, p. 733-737

Can variability in corticosterone levels be related to POPs and OPEs in feathers from nestling cinereous vultures (*Aegypius monachus*)?

Monclús, L., Lopez-Bejar, M., De la Puente, J., Covaci, A. & Jaspers, V. L. B., 10 feb 2019, En: *Science of the Total Environment*. 650, p. 184-192 9 p.

Porcine circovirus 3 is highly prevalent in serum and tissues and may persistently infect wild boar (*Sus scrofa scrofa*)

Klaumann, F., Dias-Alves, A., Cabezón, O., Mentaberre, G., Castillo-Contreras, R., López-Béjar, M., Casas-Díaz, E., Sibila, M., Correa-Fiz, F. & Segalés, J., 29 ene 2019, En: *Transboundary and Emerging Diseases*. 66, 1, p. 91-101 11 p.

Cryoprotectant role of exopolysaccharide of *Pseudomonas* sp. ID1 in the vitrification of IVM cow oocytes

Arcarons, N., Vendrell-Flotats, M., Yeste, M., Mercade, E., López-Béjar, M. & Mogas, T., 1 ene 2019, En: *Reproduction, Fertility and Development*. 31, 9, p. 1507-1519 13 p.

Effect of season on the in vitro fertilizing ability of frozen - thawed bovine spermatozoa

Sabes-Alsina, M., Wallgren, M., Sjunesson, Y., Lundeheim, N., López-Béjar, M. & Morrell, J. M., 2019, En: *Reproduction, Fertility and Development*. 31, 1, p. 200

Nou mètode per a la monitorització reproductiva de femelles de pècarí de collar (*Pecari tajacu*)

Mayor Aparicio, P. G. & López Béjar, M., 2019, En: *UAB Divulga*. p. 0001-2 2 p.

Exposure to hyperosmotic solutions modifies expression of AQP3 and AQP7 on bovine oocytes

García-Martínez, T., Vendrell-Flotats, M., López-Béjar, M. & Mogas, T., dic 2018, En: *Cryobiology*. 85, p. 143

Influence of persistent organic pollutants on the endocrine stress response in free-living and captive red kites (*Milvus milvus*)

Monclús, L., Ballesteros-Cano, R., De La Puente, J., Lacorte, S. & Lopez-Bejar, M., 1 nov 2018, En: *Environmental Pollution*. 242, p. 329-337

Costs of breeding are rapidly buffered and do not affect migratory behavior in a long-lived bird species

Ramos, R., Llabrés, V., Monclús, L., López-Béjar, M. & González-Solís, J., 1 sept 2018, En: *Ecology*. 99, 9, p. 2010-2024 15 p.

Cumulative testosterone levels in horses detected in hair: relationship with season, physiological features and stress hormones

Gardela, J., Olvera, S., Jose-Cunilleras, E. & Lopez-Bejar, M., sept 2018, En: *Reprod. Domest. Anim.*. 53, p. 138-138 1 p.

Effect of Leukemia Inhibitory Factor on bovine oocyte vitrification

Vendrell-Flotats, M., Garcia-Martinez, T., Lopez-Bejar, M., LaMarre, J. & Mogas, T., sept 2018, En: *Reprod. Domest. Anim.*. 53, p. 204-205 2 p.

Cortisol detection in fish scales by enzyme immunoassay: Biochemical and methodological validation

Carbajal, A., Monclús, L., Tallo-Parra, O., Sabes-Alsina, M., Vinyoles, D. & Lopez-Bejar, M., 1 ago 2018, En: Journal of Applied Ichthyology. 34, 4, p. 967-970

Corticosterone measurement in komodo dragon shed skin

Lopez Bejar, M. A., Tallo Parra, O., Carbajal Brossa, A., Monclús, L., Aresté, M., Fernández-Bellon, H. & Almagro, V., 1 jul 2018, En: Herpetological Journal. 28, 3, p. 110-116

First evaluation of the use of down feathers for monitoring persistent organic pollutants and organophosphate ester flame retardants: A pilot study using nestlings of the endangered cinereous vulture (*Aegypius monachus*)

Monclús, L., Lopez-Bejar, M., De la Puente, J., Covaci, A. & Jaspers, V. L. B., 1 jul 2018, En: Environmental Pollution. 238, p. 413-420

Hair cortisol and progesterone detection in dairy cattle: interrelation with physiological status and milk production

Tallo-Parra, O., Carbajal, A., Monclús, L., Manteca, X. & Lopez-Bejar, M., 1 jul 2018, En: Domestic Animal Endocrinology. 64, p. 1-8

Analysis of ZP1 gene reveals differences in zona pellucida composition in carnivores

Moros-Nicolás, C., Leza, A., Chevret, P., Guillén-Martínez, A., González-Brusi, L., Boué, F., Lopez-Bejar, M., Ballesta, J., Avilés, M. & Izquierdo-Rico, M. J., 1 ene 2018, En: Reproduction, Fertility and Development. 30, 2, p. 272-285

Atlas dos Músculos do Cão

Béjar, M. L., Plana, C. L., Aparicio, P. M. & Labeaga, J. R., 1 ene 2018, 1 ed. Belém (BR). 252 p.

Composition of marsupial zona pellucida: A molecular and phylogenetic approach

Moros-Nicolás, C., Chevret, P., Izquierdo-Rico, M. J., Holt, W. V., Esteban-Díaz, D., López-Béjar, M., Martínez-Nevado, E., Nilsson, M. A., Ballesta, J. & Avilés, M., 1 ene 2018, En: Reproduction, Fertility and Development. 30, 5, p. 721-733

Effect of deslorelin implants on the testicular function in male ring-tailed lemurs (*Lemur catta*)

Carbajal, A., Tallo-Parra, O., Sabes-Alsina, M., Monclús, L., Carbonell, M. D., Gerique, C., Casares, M. & Lopez-Bejar, M., 1 ene 2018, En: Journal of Zoo and Aquarium Research. 6, 2, p. 22-25

Successful postmortem refrigeration of epididymal sperm cells from a komodo dragon

Ruiz-Conca, M., Gardela, J., Estruch, J., Olvera, S., Feltre, Y., Almagro, V., Fernandez-Bellon, H. & López-Béjar, M., 1 ene 2018, En: Cryobiology. 85, p. 177-178

Gene Expression Profiling of In Vitro-Produced Blastocysts Derived from In Vitro-Matured Bovine Oocytes Vitrified/Warmed in Media Supplemented with a Biopolymer Produced by an Antarctic Bacterium

Arcarons, N., Vendrell, M., Yeste, M., Mercadé, M. E., López-Béjar, M. & Mogas, T., 2018, En: Reproduction, Fertility and Development. 30, 1, p. 159

Local Perceptions on Conservation of Wild Chimpanzees (*Pan troglodytes verus*) in the Réserve Naturelle Communautaire de Dindéfélo, Southeast of Senegal

Arias, M., Pacheco, L., Temple, D., Lippens, V., López-Béjar, M. & Manteca, X., 2018, En: Folia Primatologica. 89, 3-4, p. 172-173 2 p.

Coenzyme Q₁₀ supplementation during in vitro maturation of bovine oocytes (*Bos taurus*) helps to preserve oocyte integrity after vitrification

Ruiz-Conca, M., Vendrell, M., Sabés-Alsina, M., Mogas, T. & Lopez-Bejar, M., 1 oct 2017, En: Reproduction in Domestic Animals. 52, S4, p. 52-54

Effect of heat stress during in vitro maturation on developmental competence of vitrified bovine oocytes

Vendrell-Flotats, M., Arcarons, N., Barau, E., López-Béjar, M. & Mogas, T., 1 oct 2017, En: Reproduction in Domestic Animals. 52, p. 48-51 4 p.

Increased sperm cell production in ageing roosters by an oral treatment with an aromatase inhibitor and a natural herbal extract designed for improving fertility

Adeldust, H., Farzinpour, A., Farshad, A., Rostamzadeh, J. & Lopez-Bejar, M., 1 oct 2017, En: *Reproduction in Domestic Animals*. 52, p. 58-60

Rapid Prototyping of a Cyclic Olefin Copolymer Microfluidic Device for Automated Oocyte Culturing

Berenguel-Alonso, M., Sabés-Alsina, M., Morató, R., Ymbern, O., Rodríguez-Vázquez, L., Talló-Parra, O., Alonso-Chamarro, J., Puyol, M. & López-Béjar, M., 1 oct 2017, En: *SLAS Technology*. 22, p. 507-517

Developmental competence of in vitro matured bovine oocytes vitrified and warmed in media supplemented with a biopolymer produced by an Antarctic bacterium

Arcarons, N., Vendrell, M., Yeste, M., Lopez-Bejar, M., Mercade, E. & Mogas, T., oct 2017, En: *Reprod. Domest. Anim.*. 52, p. 92-92 1 p.

Cholesterol added prior to vitrification on the cryotolerance of immature and in vitro matured bovine oocytes

Arcarons, N., Morató, R., Vendrell, M., Yeste, M., López-Bejar, M., Rajapaksha, K., Anzar, M. & Mogas, T., 1 sept 2017, En: *PLoS ONE*. 12, 9, e0184714.

Prediction of Cortisol and Progesterone Concentrations in Cow Hair Using Near-Infrared Reflectance Spectroscopy (NIRS)

Tallo-Parra, O., Albanell, E., Carbajal, A., Monclús, L., Manteca, X. & Lopez-Bejar, M., 1 ago 2017, En: *Applied Spectroscopy*. 71, 8, p. 1954-1961

Relationship between feather corticosterone and subsequent health status and survival in wild Eurasian Sparrowhawk

Monclús, L., Carbajal, A., Tallo-Parra, O., Sabés-Alsina, M., Darwich, L., Molina-López, R. A. & Lopez-Bejar, M., 1 jul 2017, En: *Journal of Ornithology*. 158, 3, p. 773-783

Daily salivary cortisol levels in response to stress factors in captive common bottlenose dolphins (*Tursiops truncatus*): A potential welfare indicator

Monreal-Pawlowsky, T., Carbajal, A., Tallo-Parra, O., Sabés-Alsina, M., Monclús, L., Almunia, J., Fernández-Bellon, H. & Lopez-Bejar, M., 17 jun 2017, En: *Veterinary Record*. 180, 24, p. 593

Effects of season on bull sperm quality in thawed samples in northern Spain

Sabés-Alsina, M., Johannisson, A., Lundeheim, N., Lopez-Bejar, M. & Morrell, J. M., 11 mar 2017, En: *Veterinary Record*. 180, 10, p. 251 1 p.

Assessment of the effect of adding L-carnitine and/or resveratrol to maturation medium before vitrification on in vitro-matured calf oocytes

Sprícigo, J. F., Morató, R., Arcarons, N., Yeste, M., Dode, M. A., López-Bejar, M. & Mogas, T., 1 feb 2017, En: *Theriogenology*. 89, p. 47-57

Acute ACTH-induced elevations of circulating cortisol do not affect hair cortisol concentrations in calves

Tallo-Parra, O., Lopez-Bejar, M., Carbajal, A., Monclús, L., Manteca, X. & Devant, M., 1 ene 2017, En: *General and Comparative Endocrinology*. 240, p. 138-142

Anatomía seccional en el perro. Atlas en línea

Plana, C. L., Aparicio, P. M. & Béjar, M. L., 1 ene 2017, En: *Revista de Docencia Veterinaria*, 2(2), 19-20. 2, 2, p. 19-20

Rapid prototyping of a Cyclic Olefin Co-polymer microfluidic Device for automated oocyte culturing

Berenguel-Alonso, M., Sabés-Alsina, M., Morató, R., Ymbern, O., Rodríguez-Vázquez, L., Talló-Parra, O., Alonso-Chamarro, J., Puyol, M. & López-Béjar, M., 1 ene 2017, En: *Journal of laboratory automation*. p. -

Aggressive behavior and hair cortisol levels in captive Dorcas gazelles (*Gazella dorcas*) as animal-based welfare indicators

Salas, M., Temple, D., Abáigar, T., Cuadrado, M., Delclaux, M., Enseñat, C., Almagro, V., Martínez-Nevaldo, E., Quevedo, M. Á., Carbajal, A., Tallo-Parra, O., Sabés-Alsina, M., Amat, M., Lopez-Bejar, M., Fernández-Bellon, H. & Manteca, X., 1 nov 2016, En: Zoo Biology. 35, 6, p. 467-473

Heat stress has an effect on motility and metabolic activity of rabbit spermatozoa

Sabés-Alsina, M., Tallo-Parra, O., Mogas, M. T., Morrell, J. M. & Lopez-Bejar, M., 1 oct 2016, En: Animal Reproduction Science. 173, p. 18-23 6 p.

Metabolic activity of sperm cells: Correlation with sperm cell concentration, viability and motility in the rabbit

Sabés-Alsina, M., Planell, N., Gil, S., Maya-Soriano, M. J., Taberner, E., Sabés, M. & Manel, L-B., 1 oct 2016, En: Zygote. 24, 5, p. 707-713

Cholesterol imaging in living bovine oocytes treated with cholesterol-loaded cyclodextrin and its effect on development competence after vitrification

Arcarons, N., Morato, R., Vendrell, M., Lopez-Bejar, M. & Mogas, T., oct 2016, En: Reprod. Domest. Anim.. 51, p. 71-71 1 p.

Exposure to high hydrostatic pressures allows improving viability of rabbit sperm cells after cryopreservation

Lopez-Bejar, M., Mogas, T., Arcarons, N., Vendrell, M. & Sabes-Alsina, M., oct 2016, En: Reprod. Domest. Anim.. 51, p. 109-110 2 p.

A novel culture device suitable for culturing bovine oocytes using a cyclic olefin co-polymer-based chip.

Sabés-Alsina, M., Berenguel-Alonso, M., Morató, R., Talló-Parra, O., Alonso-Chamarro, J., Puyol, M. & López-Béjar, M., 1 ene 2016, En: Reproduction in Domestic Animals. 51, Suppl.2, p. 110-

Comparative study of seasonal epigenomic effects on sperm cells from Spanish and Swedish bulls

Sabés-Alsina, M., Johannisson, A., Lundeheim, N., López-Béjar, M. & Morrell, J. M., 1 ene 2016, En: Animal Reproduction. 13, 3, p. 464-

Exposure to high hydrostatic pressures allows improving viability of rabbit sperm cells after cyopreservation

López-Béjar, M., Mogas, T., Arcarons, N., Vendrell, M. & Sabés-Alsina, M., 1 ene 2016, En: Reproduction in Domestic Animals. 51, Suppl.2, p. 109-

Heat shock proteins detection on heat stressed rabbit sperm cells

Vendrell, M., Ferre-Dolcet, L., Sabés-Alsina, M., Arcarons, N., Morató, R., Miró, J., Rodríguez-Gil, J. E., Mogas, T. & López-Béjar, M., 1 ene 2016, En: Animal Reproduction. 13, 3, p. 578-

Progesterone detection in hair from dairy cattle by EIA: protocol validation.

Talló-Parra, O., Carbajal, A., Monclús, L., Sabés-Alsina, M., Manteca, X. & López-Béjar, M., 1 ene 2016, En: Reproduction in Domestic Animals. 51, Suppl.2, p. 146-

Hair cortisol detection in dairy cattle by using EIA: Protocol validation and correlation with faecal cortisol metabolites

Tallo-Parra, O., Manteca, X., Sabes-Alsina, M., Carbajal, A. & Lopez-Bejar, M., 2 mar 2015, En: Animal. 9, p. 1059-1064

Daily exposure to summer circadian cycles affects spermatogenesis, but not fertility in an in vivo rabbit model

Sabés-Alsina, M., Planell, N., Torres-Mejía, E., Taberner, E., Maya-Soriano, M. J., Tusell, L., Ramon, J., Dalmau, A., Piles, M. & Lopez-Bejar, M., 15 ene 2015, En: Theriogenology. 83, 2, p. 246-252 7 p.

Daily exposure to summer temperatures affects the motile subpopulation structure of epididymal sperm cells but not male fertility in an in vivo rabbit model

Maya-Soriano, M. J., Taberner, E., Sabés-Alsina, M., Ramon, J., Rafel, O., Tusell, L., Piles, M. & López-Béjar, M., 1 ene 2015, En: Theriogenology. 84, 3, p. 384-389

Effect of high temperatures on breeding rabbit behaviour

Dalmau, A., Catanese, B., Rafel, O., Rodriguez, P., Fuentes, C., Llonch, P., Mainau, E., Velarde, A., Ramón, J., Taberner, E., López-Béjar, M. & Piles, M., 1 ene 2015, En: Animal Production Science. 55, p. 1207-1214

Reproductive assessment and preliminary evaluation of assisted reproductive technologies in drills (*Mandrillus leucophaeus*)

Maya-Soriano, M. J., Abelló, M. T., Fernández-Bellon, H., Martín, M., Vidal, J., Salvador, C. & Lopez-Bejar, M., 1 ene 2015, En: *Journal of Zoo and Aquarium Research*. 3, 4, p. 116-122

Analysis of marsupial ZP: molecular and phylogenetic approach

Nicolas, C. M., Rico, M. J. I., Holt, W. V., Chevret, P., Lopez-Bejar, M., Martinez-Navado, E., Ballesta, J. & Aviles, M., 23 sept 2014, En: *Reproduction Abstracts*.

Absence of beneficial effects on rabbit sperm cell cryopreservation by several antioxidant agents

Maya-Soriano, M. J., Taberner, E., Sabés-Alsina, M., Piles, M. & Lopez-Bejar, M., 1 ene 2014, En: *Zygote*. 23, p. 1-10

Acrosome reaction induction by zona pellucida protein extracts in rabbit sperm cells

Sabés-Alsina, M., Talló-Parra, O., Carbajal, A., Avilés, M., Izquierdo-Rico, M. J. & López-Béjar, M., 1 ene 2014, En: *Reproduction in Domestic Animals*. 49, Suppl.4, p. 108-

Atlas digitales para la enseñanza y el aprendizaje de la Anatomía veterinaria

Béjar, M. L., Plana, C. L., Aparicio, P. M., Ángel Abuelo, (ed.) & Castillo, C. (ed.), 1 ene 2014, *I Congreso VetDoc de Docencia Veterinaria*. 1 ed. Lugo (ES), p. 58-59 1 p.

Cadmium exposure adversely affects bovine oocytes and granulosa cells

Sabés-Alsina, M., Bou, M., Talló-Parra, O., Carbajal, A. & López-Béjar, M., 1 ene 2014, En: *Reproduction in Domestic Animals*. 49, Suppl.4, p. 109-

Daily exposure to summer circadian cycles affects spermatogenesis, but not fertility in an in vivo rabbit model

Sabés-Alsina, M., Planell, N., Torres-Mejía, E., Taberner, E., Maya-Soriano, M. J., Tusell, L., Ramon, J., Dalmau, A., Piles, M. & Lopez-Bejar, M., 1 ene 2014, En: *Theriogenology*. 83, 2, p. 246-252

Feather corticosterone evaluated by ELISA in broilers: A potential tool to evaluate broiler welfare

Carbajal, A., Tallo-Parra, O., Sabes-Alsina, M., Mular, I. & Lopez-Bejar, M., 1 ene 2014, En: *Poultry Science*. 93, p. 2884-2886

Selection of developmentally competent immature equine oocytes with brilliant cresyl blue stain prior to in vitro maturation with equine growth hormone

Pereira, G. R., Lorenzo, P. L., Carneiro, G. F., Bilodeau-Goeseels, S., Kastelic, J. P., Esteller-Vico, A., Lopez-Bejar, M. & Liu, I. K. M., 1 ene 2014, En: *Zygote*. 22, p. 500-504

Testosterone detection in hair from gazelles (*Gazella dorcas*)

Talló-Parra, O., Carbajal, A., Sabés-Alsina, M., Almagro, V., Manteca, X., Enseñat, C., Quevedo, M. A., Fernández-Bellon, H., Abáigar, T. & López-Béjar, M., 1 ene 2014, En: *Reproduction in Domestic Animals*. 49, Suppl.4, p. 98-

Cadmium exposure adversely affects bovine oocytes and granulosa cells

Sabes-Alsina, M., Bou, M., Tallo-Parra, O., Carbajal, A. & Lopez-Bejar, M., 2014, En: *Reproduction in Domestic Animals*.

Detection of glycosylated proteins in rabbit oviductal isthmus and uterine endometrium during early embryo development

Marco-Jiménez, F. & López-Bejar, M., 1 dic 2013, En: *Reproduction in Domestic Animals*. 48, 6, p. 967-973

Retinol improves in vitro oocyte nuclear maturation under heat stress in heifers

Lopez Bejar, M. A., Taberner Brugue, E. & Maya Soriano, M. J., 1 nov 2013, En: *Zygote*. 21, 4, p. 377-384

Does exposure to noise from human activities compromise sensory information from cephalopod statocysts?

Solé, M., Lenoir, M., Durfort, M., López-Bejar, M., Lombarte, A., Van Der Schaar, M. & André, M., 15 oct 2013, En: *Deep-Sea Research Part II: Topical Studies in Oceanography*. 95, p. 160-181

Ultrastructural Damage of *Loligo vulgaris* and *Illex coindetii* statocysts after Low Frequency Sound Exposure

Solé, M., Lenoir, M., Durfort, M., López-Bejar, M., Lombarte, A. & André, M., 15 oct 2013, En: PLoS ONE. 8, e78825.

Use of infrared thermography to assess the influence of high environmental temperature on rabbits

de Lima, V., Piles, M., Rafel, O., López-Béjar, M., Ramón, J., Velarde, A. & Dalmau, A., 1 oct 2013, En: Research in Veterinary Science. 95, 2, p. 802-810

Predicting fertility from seminal traits: Performance of several parametric and non-parametric procedures

Piles, M., Díez, J., del Coz, J. J., Montañés, E., Quevedo, J. R., Ramon, J., Rafel, O., López-Béjar, M. & Tusell, L., 1 jul 2013, En: Livestock Science. 155, p. 137-147

Intest

Schwarzenberger, F., Morrow, C. J., Penfold, L. M., Wolfe, B. A., Aguilera, G., Rabadan-Diehl, C., Alexander, N., Kuepper, Y., Schmitz, A., Osinsky, R., Kozyra, E., Hennig, J., Ashley, N. T., Barboza, P. S., Macbeth, B. J., Janz, D. M., Cattet, M. R. L., Booth, R. K., Wasser, S. K., Baker, M. R., Y 558 más Gobush, K. S., Vynne, C. H., Sanchez, M. M., Campbell-Palmer, R., Rosell, F., Barrett, C. E., Noble, P. M., Hanson, E., Pine, D. S., Winslow, J. T., Nelson, E. A. E. E., Basáñez, M-G., Marshall, C., Carabin, H., Gyorkos, T., Joseph, L., Bauer, C. M., Skaff, N. K., Bernard, A. B., Trevino, J. M., Ho, J. M., Romero, L. M., Ebensperger, L. A., Hayes, L. D., Bechshøft, T. Ø., Rigét, F. F., Sonne, C., Letcher, R. J., Muir, D. C. G., Novak, M. A., Henchey, E., Meyer, J. S., Eulaers, I., Jaspers, V. L. B., Eens, M., Covaci, A., Dietz, R., Behringer, V., Deschner, T., Möstl, E., Selzer, D., Hohmann, G., Bennett, A., Hayssen, V., Pazzaglia, G., Widjaja, S., Soebekti, D., Tjaniadi, P., Simanjuntak, L., Lesmana, M., Jennings, G., Bredehöft, M., Baginski, R., Parr, M-K., Thevis, M., Schänzer, W., Brown, J. S. L. J. S., Budischak, S. A., Jolles, A. E., Ezenwa, V. O., Burgess, E. A., Lanyon, J. M., Brown, J. S. L. J. S., Blyde, D., Keeley, T., Carpenter, L. L., Tyrka, A. R., Ross, N. S., Khoury, L., Anderson, G. M., Price, L. H., Chin, E. H., Quinn, J. S., Burness, G., Choo, Y., Todd, P. A., Li, D., Clark, F. E., Clubb, R., Mason, G. J., Arioli, F., Fidani, M., Casati, A., Fracchiolla, M. L., Pompa, G., Coplan, J. D., Abdallah, C. G., Tang, C. Y., Mathew, S. J., Martinez, J., Hof, P. R., Smith, E. L. P. P., Dwork, A. J., Perera, T. D., Pantol, G., Carpenter, D., Rosenblum, L. A., Shungu, D. C., Gelernter, J., Kaffman, A., Jackowski, A., Kaufman, J., Gorman, J. M., Coppens, C. M., de Boer, S. F., Steimer, T., Koolhaas, J. M., Danese, A., McEwen, B. S., de Lima, V., Piles, M., Rafel, O., López-Béjar, M., Ramón, J., Velarde, A., Dalmau, A., DeCaluwe, H. B., Wielebnowski, N. C., Howard, J., Pelican, K. M., Ottinger, M. A., Dettling, A. C., Schnell, C. R., Maier, C., Feldon, J., Pryce, C. R., Dettmer, A. M., Novak, M. A., Suomi, S. J., Meyer, J. S., Dickens, M. J., Romero, L. M., Douglas, K. R., Chan, G., Gelernter, J., Arias, A. J., Anton, R. F., Weiss, R. D., Brady, K., Poling, J., Farrer, L., Kranzler, H. R., Drapkin, M. L., Yusko, D., Yasinski, C., Oslin, D., Hembree, E. A., Foa, E. B., Morrow, C. J., Kolver, E. S., Verkerk, G. A., Matthews, L. R., Elzinga, B. M., Roelofs, K., Tollenaar, M. S., Bakvis, P., van Pelt, J., Spinhoven, P., Engert, V., Efanov, S. I., Duchesne, A., Vogel, S., Corbo, V., Pruessner, J. C., Fernandez, E. J., Tamborski, M. A., Pickens, S. R., Timberlake, W., Fourie, N. H., Bernstein, R. M., Froeschke, G., van der Mescht, L., McGeoch, M., Matthee, S., Galuppi, R., Leveque, J. F. C., Beghelli, V., Bonoli, C., Mattioli, M., Ostanello, F., Tampieri, M. P., Accorsi, P. A., Giddens, C. L., Barron, K. W., Byrd-Craven, J., Clark, K. F., Winter, A. S., Gilmer, W. S., McKinney, W. T., Godfrey, S. S., Pereira, R. J. G., Polegato, B. F., de Souza, S., Negrão, J. A., Duarte, J. M. B., Goldman-Mellor, S., Hamer, M., Steptoe, A., Gonzalez, A., Jenkins, J. M., Steiner, M., Fleming, A. S., Goto, D. B., Miyazawa, H., Mar, J. C., Sato, M., Gunnar, M. R., Frenn, K., Wewerka, S. S., Van Ryzin, M. J., Hämäläinen, A., Heistermann, M., Samuel, Z., Fenosoa, E., Fenosoa, Z. S. E., Kraus, C., Rosenblum, L. A., Coplan, J. D., Friedman, S., Bassoff, T., Gorman, J. M., Andrews, M. W., Cerone-McLernon, A. M., Winter, J., Mosbach, E. H., Bokkenheuser, V. D., Haven, J., Park, A. W., Whembolua, G-L. S., Granger, D. A., Singer, S., Kivlighan, K. T., Marguin, J. A., Koren, L., Mokady, O., Karaskov, T., Klein, J., Koren, G., Geffen, E., Hoby, S., Schwarzenberger, F., Doherr, M. G., Robert, N., Walzer, C., Hosey, G. R., Howell-Stephens, J. A., Bernier, D., Brown, J. S. L. J. S., Mulkerin, D., Santymire, R. M., Bernier, D., Mulkerin, D., Santymire, R. M., Hugot, J-P., Baylac, M., Ibrahim, Y. K., Tshen, L. T., Westaway, K. E., Cranbrook, E. O., Humphrey, L., Muhammad, R. F., Zhao, J-X., Peng, L. C., Armbruster, D., Mueller, A., Strobel, A., Lesch, K-P., Brocke, B., Kirschbaum, C., Johnson-Delaney, C. A., Johnston, S. D. S. D., Lever, J., McLeod, R., Oishi, M., Qualischefski, E., Omanga, C., Leitner, M., Price, R., Barker, L., Kamau, K., Gaughan, J., D'Occhio, M., Curry, E., Stoops, M. A., Roth, T. L., Kalz, B., Jewgenow, K., Fickel, J., Keeley, T., O'Brien, J. K., Fanson, B. G., Masters, K., McGreevy, P. D., Khanfer, R., Carroll, D., Lord, J. M., Phillips, A. C., Klar, B., Sures, B., Knowles, S. R., Nelson, E. A. E. E., Palombo, E. A., Koknaroglu, H., Akunal, T., Laver, P. N., Ganswindt, A., Ganswindt, S. B., Alexander, K. A., Leon-Quinto, T., Simon, M. A., Cadenas, R., Jones, J., Martinez-Hernandez, F. J., Moreno, J. M., Vargas, A., Martinez, F., Soria, B., Li, C., Jiang, Z., Tang, S., Zeng, Y., Ligabue-Braun, R., Verli, H., Carlini, C. R., Lim, YAL., Ngui, R., Shukri, J., Lovallo, W. R., Ludwig, C., Wachter, B., Silinski-Mehr, S., Ganswindt, A., Bertschinger, H. J., Hofer, H., Dehnhard, M., Lynch, J. W., Khan, M. Z., Altmann, J., Njahira, M. N., Rubenstein, N., Mason, G. J., Clubb, R., Latham, N., Vickery, S., Mathew, S. J., Shungu, D. C., Mao, X., Smith, E. L. P. P., Perera, G. M., Kegeles, L. S., Perera, T. D., Lisanby, S. H., Rosenblum, L. A., Gorman, J. M., Coplan, J. D., McKenna, P. B., Med, S., Metrione, L. C., Harder, J. D., Millspaugh, J. J., Washburn, B. E., Moore, E., Gaskin, C., Indig, D., Moya, D., Schwartzkopf-Genswein, K. S., Veira, D. M., Narayan, E. J., Cockrem, J. F., Hero, J., Parnell, T., Clark, G., Martin-Vegue, P., Mucci, A., Hero, J., Navarro-Castilla, Á., Barja, I., Olea, P. P., Piñeiro, A., Mateo-Tomás, P., Silván, G., Illera, J. C., Nechvatal, J. M., Ram, J. L., Basson, M. D., Namprachan, P., Niec, S. R., Badsha, K. Z., Matherly, L. H., Majumdar, A. P. N., Kato, I., Novak, M. A., Hamel, A. F., Kelly, B. J., Dettmer, A. M., Meyer, J. S., O'Donnell, K. J., Glover, V., Jenkins, J. M., Browne, D., Ben-Shlomo, Y., Golding, J., O'Connor, T. G., Ortolani, E. L., Leal, M. L. D. R., Minervino, A. H. H., Aires,

A. R., Coop, R. L., Jackson, F., Suttle, N. F., Rodger, J. C., Paris, D. B. B. P., Czarny, N. A., Harris, M. S., Molinia, F. C., Taggart, D. A., Allen, C. D., Johnston, S. D. S. D., Panayotova-pencheva, M. S., Parker, K. J., Maestripietri, D., Goymann, W., Trappschuh, M., Jensen, W., Schwabl, I., Parr, L. A., Boudreau, M., Hecht, E., Winslow, J. T., Nemeroff, C. B., Sánchez, M. M., Pierrehumbert, B., Torrasi, R., Glatz, N., Dimitrova, N., Heinrichs, M., Halfon, O., Pifarré, M., Valdez, R., González-Rebeles, C., Vázquez, C., Romano, M., Galindo, F., Polito, A. B., Goldstein, D. L., Sanchez, L., Cool, D. R., Morris, M., Taylor, L. K., Weems, C. F., Posthuma-Trumpie, G. A., van Amerongen, A., Korf, J., van Berkel, W. J. H., Pryce, C. R., Rüedi-Bettschen, D., Dettling, A. C., Weston, A., Russig, H., Ferger, B., Feldon, J., Frandsen, J. C., Cabezas, S., Blas, J., Marchant, T. A., Moreno, S., Dayger, C. A., Cease, A. J., Lutterschmidt, D. I., Ghosal, R., Sukumar, R., Seshagiri, P. B., Kutzler, M., Wood, A., Lodge, E., Ross, C., Ortmann, S., MacLarnon, A. M., Ouellet-Morin, I., Odgers, C. L., Danese, A., Bowes, L., Shakoob, S., Papadopoulos, A. S., Caspi, A., Moffitt, T. E., Arseneault, L., Rimbach, R., Heymann, E. W., Link, A., Heistermann, M., Roth, T. L., Sweatt, J. D., Ruminant, S., Sánchez, M. M., Noble, P. M., Lyon, C. K., Plotsky, P. M., Davis, M., Nemeroff, C. B., Winslow, J. T., Hardus, M. E., Lameira, A. R., Menken, S. B. J. J., Wich, S. A., Shepherdson, D., Lewis, K. D., Carlstead, K., Bauman, J., Perrin, N., Sheriff, M. J., Krebs, C. J., Boonstra, R., Shutt, K., Setchell, J. M., Heistermann, M., Smith, A. P., Somaini, L., Donnini, C., Manfredini, M., Raggi, M. A., Saracino, M. A., Gerra, M. L., Amore, M., Leonardi, C., Serpelloni, G., Gerra, G., Špinko, M., Stalder, T., Kirschbaum, C., Steiper, M. E., Wolfe, N. D., Karesh, W. B., Kilbourn, A. M., Bosi, E. J., Ruvolo, M., Strüber, N., Strüber, D., Roth, G., Terrill, T. H., Kaplan, R. M., Larsen, M., Samples, O. M., Miller, J. E., Gelaye, S., Terwissen, C. V., Mastromonaco, G. F., Murray, D. L., Thomas, S. M., Morgan, E. R., Tolleson, D. R., Randel, R. D., Stuth, J. W., Neuendorff, D. A., Trayford, H. R., Farmer, K. H., Umaphathy, G. & Kumar, V., 1 jun 2013, En: General and comparative endocrinology. p. 202-9 8 p.

Bovine oocytes show a higher tolerance to heat shock in the warm compared with the cold season of the year

Maya-Soriano, M. J., López-Gatius, F., Andreu-Vázquez, C. & López-Béjar, M., 15 ene 2013, En: Theriogenology. 79, 2, p. 299-305

Ovarian response and embryo gene expression patterns after nonsuperovulatory gonadotropin stimulation in primiparous rabbits does

Arias-Alvarez, M., García-García, R. M., Rebollar, P. G., Gutiérrez-Adán, A., López-Béjar, M. & Lorenzo, P. L., 15 ene 2013, En: Theriogenology. 79, 2, p. 323-330

Retinol might stabilize sperm acrosomal membrane in situations of oxidative stress because of high temperatures

Maya-Soriano, M. J., Taberner, E., Sabés-Alsina, M. & López-Béjar, M., 15 ene 2013, En: Theriogenology. 79, p. 367-373

Biología reproductiva del cérvol vermell de la selva amazònica

Mayor, P., López-Béjar, M. & López-Plana, C., 1 ene 2013, En: UAB divulga. 4, p. -

Anatomicohistological characteristics of the tubular genital organs of the female red brocket deer (*mazama americana*) in the peruvian amazon

Mayor, P., López-Plana, C. & López-Béjar, M., 1 dic 2012, En: Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia. 41, p. 436-444

Progesterone and estradiol-17 β as a potential method for pregnancy diagnosis in the collared peccary (*Pecari tajacu*)

Mayor, P., Guimarães, D. A. & López-Béjar, M., 1 dic 2012, En: Research in Veterinary Science. 93, 3, p. 1413-1417

In vivo heat stress affects spermatogenesis in rabbits

Sabés Alsina, M., Planell, N., Torres Mejía, E., Taberner, E., Maya Soriano, M. J., Tusell, L., Ramon, J., Piles, M. & López Béjar, M., 1 ago 2012, En: Reproduction in Domestic Animals. 47, Suppl.5, p. 94-94

Cryopreservation of giraffe (*Giraffa camelopardalis*) epididymal sperm cells

Maya Soriano, M. J., Fernández Bellon, H., Taberner, E., Mayor, P., Almagro, V., Enseñat, C. & López Béjar, M., 1 ene 2012, En: Reproduction in Domestic Animals. 47, Suppl.3, p. 122-123

Daily exposure to summer temperatures affects epididymal sperm cells in an in vivo rabbit model

Maya-Soriano, M. J., Taberner, E., Sabés-Alsina, M., Tusell, L., Ramon, J., Rafel, O., Piles, M. & López-Béjar, M., 1 ene 2012, En: Reproduction in Domestic Animals. 47, Suppl.3, p. 120-120

Detection of glycosylated sites in rabbit isthmus and endometrium during early embryo development

Marco-Jiménez, F. & López-Bejar, M., 1 ene 2012, En: Theriogenology. p. -

In vivo heat stress affects development of preimplantational rabbit embryos

Torres Mejía, E., Sabés Alsina, M., Taberner, E., Maya Soriano, M. J., Ramon, J., Rafel, O., Piles, M. & López Béjar, M., 1 ene 2012, En: *Reproduction in Domestic Animals*. 47, Suppl.4, p. 419-419

In vivo heat stress affects potential oocyte maturation in rabbits

Torres Mejía, E., Sabés Alsina, M., Taberner, E., Maya Soriano, M. J., Tusell, L., Rafel, O., Ramon, J., Piles, M. & López Béjar, M., 1 ene 2012, En: *Reproduction in Domestic Animals*. 47, Suppl.3, p. 120-120

Ovarian functional anatomy in the Wild Boar (*Sus scrofa*) from North-eastern Spain

Mayor, P., Mentaberre, G., Marco, I., Lavin, S., Closa, F., Sazatornil, V., López-Plana, C. & López-Béjar, M., 1 ene 2012, En: *Suiform Soundings*. 11, 2, p. 7-13

Effect of temperature on breeding rabbit behaviour.

Rafel, O., Catanese, B., Rodríguez, P., Fuentes, C., Llonch, P., Mainanu, E., Piles, M., Velarde, A., Ramon, J., López-Bejar, M. & Dalmau, A., 2012, En: 10th World Rabbit Congress, Sharm El-Sheikh, Egypte. p. 1075-1079 5 p.

Using the product threshold model for estimating separately the effect of temperature on male and female fertility

Tusell, L., David, I., Bodin, L., Legarra, A., Rafel, O., López-Bejar, M. & Piles, M., 1 dic 2011, En: *Journal of Animal Science*. 89, p. 3983-3995

Low-frequency sounds induce acoustic trauma in cephalopods

André, M., Solé, M., Lenoir, M., Durfort, M., Quero, C., Mas, A., Lombarte, A., Van Der Schaar, M., López-Bejar, M., Morell, M., Zaugg, S. & Houégnigan, L., 1 nov 2011, En: *Frontiers in Ecology and the Environment*. 9, p. 489-493

Reproductive biology of the wild red brocket deer (*Mazama americana*) female in the Peruvian Amazon

Mayor, P., Bodmer, R. E., López-Béjar, M. & López-Plana, C., 1 oct 2011, En: *Animal Reproduction Science*. 128, p. 123-128

Clinical implications of induced twin reduction in dairy cattle

Andreu-Vázquez, C., García-Ispuerto, I., López-Béjar, M., de Sousa, N. M., Beckers, J. F. & López-Gatius, F., 1 ago 2011, En: *Theriogenology*. 76, 3, p. 512-521

Functional anatomy of the female genital organs of the wild black agouti (*Dasyprocta fuliginosa*) female in the Peruvian Amazon

Mayor, P., Bodmer, R. E. & Lopez-Bejar, M., 1 feb 2011, En: *Animal Reproduction Science*. 123, 3-4, p. 249-257

Manual amnion rupture: an open window to reduce the twinning rate in dairy cattle

Andreu-Vazquez, C., Garcia-Ispuerto, I., Lopez-Bejar, M. & Lopez-Gatius, F., 2011, En: *Reproduction in Domestic Animals*.

Does heat stress provoke the loss of a continuous layer of cortical granules beneath the plasma membrane during oocyte maturation?

Andreu-Vázquez, C., López-Gatius, F., García-Ispuerto, I., Maya-Soriano, M. J., Hunter, R. H. F. & López-Béjar, M., 1 nov 2010, En: *Zygote*. 18, 4, p. 293-299

Comparative reproductive biology of collared peccary (*Tayassu tajacu*) populations in the wild and in captivity under semi-extensive conditions in the Northeastern Peruvian Amazon

Mayor, P., Bodmer, R. E., Cornejo, C., Gálvez, H. & López-Béjar, M., 1 ene 2010, En: *Newsletter of the Pigs, Peccaries, and Hippos Specialist Group of the IUCN/SSC*. 10, 1, p. 7-22

Cryopreservation of epididymal sperm cells from zoo ruminants

Lopez-Bejar, M., Maya-Soriano, MJ., Taberner, E., Andreu-Vázquez, C., Enseñar, C. & Fernández-Bellon, H., 1 ene 2010, En: *Reproduction in Domestic Animals*. 45, S3, p. 1-114

Interaction of genotype × artificial insemination conditions for male effect on fertility and prolificacy

Tusell, L., Garcia-Tomas, M., Baselga, M., Rekaya, R., Rafel, O., Ramon, J., Lopez-Bejar, M. & Piles, M., 1 ene 2010, En: Journal of Animal Science. 88, 11, p. 3475-3485

Retinol improves in vitro Oocyte nuclear maturation under heat stress in dairy cows

Maya-Soriano, MJ., Andreu-Vázquez, C., López-Gatius, F. & López-Béjar, M., 1 ene 2010, En: Reproduction in Domestic Animals. 45, S3, p. 1-114

Role of antioxidant agents on steroidogenic activity of cumulus cells during oocyte in vitro culture

Maya-Soriano, MJ., Andreu-Vázquez, C. & López-Béjar, M., 1 ene 2010, En: Reproduction in Domestic Animals. 1, p. 1- 1

Successful refrigeration storage of epididymal sperm cells from a black-faced Impala (*Aepyceros melampus petersi*)

Maya-Soriano, M. J., Fernández Bellon, H., Andreu-Vázquez, C., Enseñat, C. & López-Béjar, M., 1 ene 2010, En: Reproduction in Domestic Animals. 45, S, p. 1- 1

Timing of spontaneous embryo reduction in twin pregnant dairy cows in northeastern Spain

Andreu-Vázquez, C., García-Ispierto, I., Bech-Sabat, G., López-Béjar, M. & López-Gatius, F., 1 ene 2010, En: Reproduction in Domestic Animals. 45, Supplement, p. -

La caça sostenible del pecarí labiat a l'Amazònia peruana

Mayor Aparicio, P. G. & López Béjar, M., 2010, En: UAB Divulga. p. 0001-3 3 p.

Reproductive performance of the wild collared peccary (*Tayassu tajacu*) female in the Peruvian Amazon

Mayor Aparicio, P. G., Lopez-Bejar, M. & Bodmer, R. E., 2010, En: European Journal of Wildlife Research. 56, p. 681-684

Anatomicohistological characteristics of the female genital organs of the white-lipped peccary (*Tayassu pecari*) in the peruvian amazon

Mayor, P., Bodmer, R. E., Schettini, L., Mariño, G. O. & López-Béjar, M., 1 dic 2009, En: Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia. 38, p. 467-474

Reproductive performance of the wild white-lipped peccary (*tayassu pecari*) female in the Peruvian Amazon

Mayor, P., Bodmer, R. E. & Lopez-Bejar, M., 24 ago 2009, En: European Journal of Wildlife Research. 55, p. 631-634

Impact of breed and sex on porcine endocrine transcriptome: A Bayesian biometrical analysis

Pérez-Enciso, M., Ferraz, A. L. J., Ojeda, A. & López-Béjar, M., 24 feb 2009, En: BMC Genomics. 10, 89.

Elaboración de recursos docentes en línea para la docencia y el aprendizaje de la anatomía veterinaria

López, P. C., López, B. M., Mayor, P. & García, I., 1 ene 2009, *Innovate teaching experiences at the UAB in social sciences and humanities*. 1 ed. Barcelona (ES): Servei de publicacions de la UAB, Vol. 1. p. 1-1

Production of online educational resources for the teaching and learning of veterinary anatomy

Béjar, M. L., Plana, C. L., Aparicio, P. M. & Ispierto, I. G., 1 ene 2009, *Hacia el Espacio Europeo de Educación Superior (EEES). Experiencias docentes innovadoras en ciencias experimentales y tecnológicas y en ciencias de la salud*. 1 ed. Bellaterra (Cerdanyola del Vallès) (ES), Vol. 1. p. 143-153 10 p. (Innovative teaching experiences in experimental and technological sciences and in health sciences).

Transcriptome architecture across tissues in the pig

Ferraz, A. L. J., Ojeda, A., López-Béjar, M., Fernandes, L. T., Castelló, A., Folch, J. M. & Pérez-Enciso, M., 16 abr 2008, En: BMC Genomics. 9, 173.

Alternative splicing at exon 28 of the acetyl-coenzyme A carboxylase alpha gene in adult pigs and embryos.

Gallardo, D., Cánovas, E., López-Béjar, M., Ramírez, O., Pena, R., Quintanilla, R. & Amills, M., 1 ene 2008, En: Animal Genetics. 39, 2, p. 205-206

Atlas de Osteología de los Mamíferos Domésticos

Lopez Bejar, M. A., López-Plana, C., Mayor-Aparicio, P., Navarro-Beltrán, M., Carretero-Romay, A., Nacher-García, V., Aige-Gil, V. & Ruberte-París, J., 1 ene 2008

Elaboració de recursos docents en línia per a l'ensenyament i l'aprenentatge de l'anatomia veterinària

Béjar, M. L., Plana, C. L., Aparicio, P. M., Ispierto, I. G. & Maite Martínez, E. A. (ed.), 1 ene 2008, *Experiències docents innovadores de la UAB en ciències experimentals i tecnologies i en ciències de la salut : cap a l'Espai Europeu d'Educació Superior (EEES)*. 1 ed. Bellaterra (Cerdanyola del Vallès) (ES), Vol. 1. p. 143-153 10 p. (Cap a l'Espai Europeu d'Educació Superior (EEES)).

Hierarchical structure effect over reproductive function in captive collared peccaries (*Tayassu tajacu*)

Mayor, P., Couron, E., Jori, F., Manteca, F. X. & Lopez-Bejar, M., 1 ene 2008, En: *Reproduction in Domestic Animals*. 43, p. 132-133

The addition of malondialdehyde during in vitro maturation of bovine oocytes improves subsequent cleavage rate after in vitro fertilization

García-Ispierto, I., Leroy, J. L. M. R., Lopez-Bejar, M., Lopez-Gatius, F., De Cleroq, J., Andries, S., Goovaerts, I. G. F. & Bols, P. E. J., 1 ene 2008, En: *Reproduction in Domestic Animals*. 43, p. 189-189

Interacción genotipo x tipo de dosis de inseminación artificial para la fertilidad del macho de conejo

Piles, M., García-Tomás, M., López-Bejar, M., García-Ispierto, I., Ramon, J., Rafel, O. & Baselga, M., 2008, En: *ITEA Informacion Tecnica Economica Agraria*. 104, 2, p. 160-168 9 p.

Reproductive performance of captive collared peccaries (*Tayassu tajacu*) in the eastern Amazon

Mayor, P., Guimarães, D. A., Le Pendu, Y., Da Silva, J. V., Jori, F. & López-Béjar, M., 1 nov 2007, En: *Animal Reproduction Science*. 102, p. 88-97

Climate factors affecting conception rate of high producing dairy cows in northeastern Spain

García-Ispierto, I., López-Gatius, F., Bech-Sabat, G., Santolaria, P., Yániz, J. L., Nogareda, C., De Rensis, F. & López-Béjar, M., 1 may 2007, En: *Theriogenology*. 67, p. 1379-1385

Factors affecting the fertility of high producing dairy herds in northeastern Spain

García-Ispierto, I., López-Gatius, F., Santolaria, P., Yániz, J. L., Nogareda, C. & López-Béjar, M., 1 feb 2007, En: *Theriogenology*. 67, p. 632-638

Influence of temperature and humidity index on the incidence of retained placenta in cows

Murugavel, K., Yaniz, J. L., Santolaria, P., Bejar, M. L. & Gatius, F. L., 1 ene 2007, En: *Indian Veterinary Journal*. 84, 1, p. 54-56

influence of temperature and humidity index on the incidence of retained placenta in cows

Murugavel, K., Yaniz, J. L., López-Béjar, M. & Gatius, F. L., 1 ene 2007, En: *Indian Veterinary Journal*. 84, p. 54-56

Nuclear and cytoplasmic patterns during in vitro maturation of rabbit oocytes

Arias-Alvarez, M., Lopez-Bejar, M., Rebollar, P. G., Garcia-Garcia, R. M. & Lorenzo, P. L., 1 ene 2007, En: *ITEA-INFORMACION TECNICA ECONOMICA AGRARIA*. Extra, S1, p. 42-44

Serum estradiol-17 β , vaginal cytology and vulval appearance as predictors of estrus cyclicity in the female collared peccary (*Tayassu tajacu*) from the eastern Amazon region

Mayor, P., Galvez, H., Guimaraes, D. A., Lopez-Gatius, F. & Lopez-Bejar, M., 1 ene 2007, En: *Animal Reproduction Science*. 97, 1-2, p. 165-174

Sostenibilidad en la Amazonía y Cría de Animales Silvestres

Lopez Bejar, M. A. & Mayor Aparicio, P. G., 1 ene 2007, 1 ed. Iquitos (PE). 262 p.

High environmental temperature affects fertility in rabbit farms

García-Ispierto, I., Piles, M., Rafel, O., Ramon, J., Lopez-Gatius, F. & Lopez-Bejar, M., 2007, En: *Reproduction in Domestic Animals*.

Nuclear and cytoplasmic patterns during in vitro maturation of rabbit oocytes

Arias-Alvarez, M., Lopez-Bejar, M., Rebollar, P. G., Garcia-Garcia, R. M. & Lorenzo, P. L., 2007, En: *ITEA-INFORMACION TECNICA ECONOMICA AGRARIA*.

First postpartum estrus and pregnancy in the female collared peccary (*Tayassu tajacu*) from the amazon

Mayor, P., Guimaraes, D. A., Lopez-Gatius, F. & Lopez-Bejar, M., 1 nov 2006, En: *Theriogenology*. 66, p. 2001-2007

A health evaluation in a colony of captive collared peccaries (*Tayassu tajacu*) in the eastern Amazon

Mayor, P., Le Pendu, Y., Guimarães, D. A., Silva, J. V. D., Tavares, H. L., Tello, M., Pereira, W., López-Béjar, M. & Jori, F., 1 oct 2006, En: *Research in Veterinary Science*. 81, p. 246-253

Relationship between embryo quality and luteal function in superovulated Friesian heifers

Murugavel, K., Yaniz, J. L., Santolaria, P., Bejar, M. L. & Lopez-Gatius, F., 1 jun 2006, En: *Indian Veterinary Journal*. 83, 6, p. 627-630

Screening for high fertility in high-producing dairy cows

López-Gatius, F., García-Ispierto, I., Santolaria, P., Yániz, J., Nogareda, C. & López-Béjar, M., 1 may 2006, En: *Theriogenology*. 65, p. 1678-1689

Relationship between heat stress during the peri-implantation period and early fetal loss in dairy cattle

García-Ispierto, I., López-Gatius, F., Santolaria, P., Yániz, J. L., Nogareda, C., López-Béjar, M. & De Rensis, F., 1 mar 2006, En: *Theriogenology*. 65, p. 799-807

Características del estro de la hembra de pécarí de collar (*Tayassu tajacu*) en la Amazonía

Mayor, P., Gálvez, H., Guimaraes, D. A. & López-Béjar, M., 1 ene 2006, En: <http://www.revistafauna.com.pe/memo.htm>. p. 45-50

Celo ovulatorio post-parto de la hembra de pécarí de collar (*Tayassu tajacu*) en la Amazonía

Mayor, P., Guimaraes, D. A. & López-Béjar, M., 1 ene 2006, En: <http://www.revistafauna.com.pe/memo.htm>. p. 39- 44

Diagnóstico de gestación en el pécarí de collar (*Tayassu tajacu*) mediante ecografía transabdominal, palpación abdominal y perfil hormonal de progesterona y E2

Mayor, P., Rizo, J. M. & Lopez-Bejar, M., 1 ene 2006, En: *Cubazoo*. 13, p. 23-31

Effect of refrigeration and cryopreservation on epididymal stallion spermatozoa.

Taberner, E., García, I., Ocaña, M., López-Béjar, M. & Miró, J., 1 ene 2006, En: *Reproduction in Domestic Animals*. 41, 4, p. 319-319

Effect of refrigeration on epididymal stallion spermatozoa motile subpopulations

Taberner, E., García, I., López-Béjar, M., Rivera, M., Ocaña, M., López, C. & Miró, J., 1 ene 2006, En: *Reproduction in Domestic Animal*. 41, Suppl.2, p. 116-116

Fisiología reproductiva de la hembra de pécarí de collar (*Tayassu tajacu*)

Mayor, P., Guimaraes, D. A. & López-Béjar, M., 1 ene 2006, En: *Newsletter of the Pigs, Peccaries, and Hippos Specialist Group of the IUCN/SSC*. 6, 2, p. 34-38

Metodología diagnóstica de gestación en el pécarí de collar: ecografía transabdominal, palpación abdominal y perfiles hormonales de estradiol y progesterona

Mayor, P., Guimaraes, D. A. & López-Béjar, M., 1 ene 2006, En: <http://www.revistafauna.com.pe/memo.htm>. p. 51-58

Ovarian features of the wild collared peccary (*Tayassu tajacu*) from the northeastern Peruvian Amazon

Mayor, P., Fenech, M., Bodmer, R. E. & Lopez-Bejar, M., 1 ene 2006, En: General and Comparative Endocrinology. 147, p. 268-275

Integrating ultrasonography within the reproductive management of the collared peccary (*Tayassu tajacu*)

Mayor, P., López-Gatius, F. & López-Béjar, M., 15 abr 2005, En: Theriogenology. 63, p. 1832-1843

Intracytoplasmic glutathione levels in heifer oocytes cultured in different maturation media and its effect on embryo development

Mertens, M. J., López-Bejar, M. & Paramio, M. T., 1 abr 2005, En: Reproduction in Domestic Animals. 40, p. 126-130

Relationship between rainfall and *Neospora caninum*-associated abortion in two dairy herds in a dry environment..

Lopez-Gatius, F., Garcia-Ispuerto, I., Santolaria, P., Yaniz, J.L., Lopez-Bejar, M., Nogareda, C. & Almeria, S., 1 abr 2005, En: Journal of Veterinary Medicine B. Infection Diseases and Veterinary Public Health. 52, 3, p. 147-152

Ultrastructural and rheological properties of bovine vaginal fluid and its relation to sperm motility and fertilization: A review

Rutllant, J., Lopez-Bejar, M. & Lopez-Gatius, F., 1 abr 2005, En: Reproduction in Domestic Animals. 40, 2, p. 79-86

Ovulation failure and double ovulation in dairy cattle: Risk factors and effects

López-Gatius, F., López-Béjar, M., Fenech, M. & Hunter, R. H. F., 15 mar 2005, En: Theriogenology. 63, p. 1298-1307

The effect of hCG administration five days after insemination on the first service conception rate of anestrous dairy cows.

López-Gatius, F., Labèrnia, J., Santolaria, P., López-Béjar, M. & Rutllant, J., 2005, En: Theriogenology. 46, p. 1938-1945
8 p.

Disruption of the mouse phospholipase C- β 1 gene in a β -lactoglobulin transgenic line affects viability, growth, and fertility in mice

Ballester, M., Molist, J., Lopez-Bejar, M., Sánchez, A., Santaló, J., M. Folch, J. & Ibáñez, E., 27 oct 2004, En: Gene. 341, 1-2, p. 279-289

***Neospora*-associated abortion episode over a 1-year period in a dairy herd in north-east Spain.**

López-Gatius, F., López-Béjar, M., Murugavel, K., Pabón, M., Ferrer, D. & Almería, S., 1 sept 2004, En: Journal of Veterinary Medicine Series B: Infectious Diseases and Veterinary Public Health. 51, 7, p. 348-352

Distribution of prepubertal and adult goat oocyte cortical granules during meiotic maturation and fertilisation: Ultrastructural and cytochemical study

Velilla, E., Izquierdo, D., Rodríguez-Gonzalez, E., López-Béjar, M., Vidal, F. & Paramio, M. T., 1 ago 2004, En: Molecular Reproduction and Development. 68, p. 507-514

Reproductive performance of lactating dairy cows treated with cloprostenol at the time of insemination

López-Gatius, F., Yániz, J. L., Santolaria, P., Murugavel, K., Guijarro, R., Calvo, E. & López-Béjar, M., 1 ago 2004, En: Theriogenology. 62, p. 677-689

Anatomicohistological characteristics of the tubular genital organs of the female collared peccary (*Tayassu tajacu*) from North-eastern Amazon

Mayor, P., Jori, F. & López-Béjar, M., 1 abr 2004, En: Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia. 33, p. 65-74

Pregnancy rate after timed artificial insemination in early post-partum dairy cows after ovsynch or specific synchronization protocols

López-Gatius, F., Murugavel, K., Santolaria, P., López-Béjar, M. & Yániz, J. L., 1 feb 2004, En: Journal of Veterinary Medicine Series A: Physiology Pathology Clinical Medicine. 51, p. 33-38

Developmental competence of heifer oocytes selected using the brilliant cresyl blue (BCB) test

Pujol, M., López-Béjar, M. & Paramio, M. T., 1 ene 2004, En: Theriogenology. 61, p. 735-744

Disruption of the mouse phospholipase C-beta1 gene in a beta-lactoglobulin transgenic line affects viability, growth, and fertility in mice.

Ballester, M., Molist, J., Lopez-Bejar, M., Sanchez, A., Santalo, J., Folch, JM. & Ibanez, E., 1 ene 2004, En: Gene. 341, p. 279--89

Los miembros del perro: invasión y vascularización. Atlas virtual

Lopez Bejar, M. A. & Lopez Plana, C., 1 ene 2004

Características del estro de la hembra de pecari (*Tayassu tajacu*) del este amazónico

Mayor, P., Gálvez, H., Guimarães, D. A. & López-Béjar, M., 2004, En: Archivos de Zootecnia.

Celo ovulatorio post-parto de a hembra de pécarí de collar (*Tayassu tajacu*) en la Amazonía

Mayor, P., Guimarães, D. A. & López-Béjar, M., 2004, En: MEMORIAS: Manejo de Fauna silvestre en Amazonia y Latinoamérica. p. 39-44 6 p.

Effects on in vitro embryo development and intracellular glutathione content of the presence of thiol compounds during maturation of prepubertal goat oocytes

Rodríguez-González, E., López-Bejar, M., Mertens, M. J. & Paramio, M. T., 1 ago 2003, En: Molecular Reproduction and Development. 65, p. 446-453

Reproductive functional anatomy and oestrous cycle pattern of the female brush-tailed porcupine (*Atherurus africanus*, Gray 1842) from Gabon

Mayor, P., López-Béjar, M., Jori, F., Fenech, M. & López-Gatius, F., 15 jul 2003, En: Animal Reproduction Science. 77, p. 247-259

Developmental competence of prepubertal goat oocytes selected with brilliant cresyl blue and matured with cysteamine supplementation

Rodríguez-González, E., López-Bejar, M., Izquierdo, D. & Paramio, M. T., 1 mar 2003, En: Reproduction Nutrition Development. 43, 2, p. 179-187

Atlas de los músculos del perro II: Cuello, tronco y cola. Cabeza

Lopez Bejar, M. A., Mayor Aparicio, P. G. & Lopez Plana, C., 1 ene 2003

Development competence of prepubertal goat oocytes selected with brilliant cresyl blue and matured with cysteamine supplementation

Rodríguez-González, E., López-Béjar, M., Izquierdo, D. & Paramio, MT., 1 ene 2003, En: Reproduction Nutrition Development. 43, 2, p. 179-187

Effects of presynchronization during the preservice period on subsequent ovarian activity in lactating dairy cows

López-Gatius, F., Murugavel, K., Santolaria, P., Yániz, J. & López-Béjar, M., 1 ene 2003, En: Theriogenology. 60, p. 545-552

Estudio Serológico de un brote de aborto causado por *Neospora Caninum* en ganado vacuno lechero

Pabón, M., Almería, S. & López-Béjar, M., 1 ene 2003, En: ITEA. EXTRA, 24 tomo I, p. 393--95

Luteal activity at the onset of a timed insemination protocol affects reproductive outcome in early postpartum dairy cows

Murugavel, K., Yániz, J. L., Santolaria, P., López-Béjar, M. & López-Gatius, F., 1 ene 2003, En: Theriogenology. 60, p. 583-593

Prostaglandin based estrus synchronization in postpartum dairy cows: an update.

Murugavel, K., Yániz, J. L., Santolaria, P., López-Béjar, M. & López-Gatius, F., 2003, En: The Journal of Applied Research in Veterinary Medicine. 1, 1, p. 51-65 15 p.

Anatomicohistological characteristics of the genital tubular organs of the female brush-tailed porcupine (*Atherurus africanus*, Gray 1842) from Gabon

Mayor, P., López-Béjar, M., Jori, F., Rutllant, J., López-Plana, C. & López-Gatius, F., 28 dic 2002, En: Anatomia, Histologia, Embryologia. 31, p. 355-361

Nonequilibrium cryopreservation of rabbit embryos using a modified (sealed) open pulled straw procedure

López-Béjar, M. & López-Gatius, F., 1 nov 2002, En: Theriogenology. 58, p. 1541-1552

Risk factors for postpartum ovarian cysts and their spontaneous recovery or persistence in lactating dairy cows

López-Gatius, F., Santolaria, P., Yániz, J., Fenech, M. & López-Béjar, M., 1 nov 2002, En: Theriogenology. 58, p. 1623-1632

Reproductive performance of dairy cows with ovarian cysts after different GnRH and cloprostenol treatments

López-Gatius, F. & López-Béjar, M., 15 oct 2002, En: Theriogenology. 58, 7, p. 1337-1348

Rheological and ultrastructural properties of bovine vaginal fluid obtained at oestrus

Rutllant, J., López-Béjar, M., Santolaria, P., Yániz, J. & López-Gatius, F., 12 ago 2002, En: Journal of Anatomy. 201, p. 53-60

Effect of Hoechst 33342 staining on developmental competence of prepubertal goat oocytes

Velilla, E., López-Béjar, M., Rodríguez-González, E., Vidal, F. & Paramio, M. T., 1 ago 2002, En: Zygote. 10, 3, p. 201-208

Effect of in vitro and in vivo culture on embryo development from prepubertal goat IVM-IVF oocytes

Izquierdo, D., Villamediana, P., López-Bejar, M. & Paramio, M. T., 30 may 2002, En: Theriogenology. 57, p. 1431-1441

Selection of prepubertal goat oocytes using the brilliant cresyl blue test

Rodríguez-González, E., López-Béjar, M., Velilla, E. & Paramio, M. T., 30 may 2002, En: Theriogenology. 57, p. 1397-1409

Intraperitoneal insemination in mammals: A review

Yaniz, J. L., Lopez-Bejar, M., Santolaria, P., Rutllant, J. & Lopez-Gatius, F., 9 may 2002, En: Reproduction in Domestic Animals. 37, p. 75-80

Factors affecting pregnancy loss from gestation day 38 to 90 in lactating dairy cows from a single herd

López-Gatius, F., Santolaria, P., Yániz, J., Rutllant, J. & López-Béjar, M., 1 mar 2002, En: Theriogenology. 57, p. 1251-1261

Functional anatomy of the ovaries of wild brush-tailed porcupines (*Atherurus africanus*, Gray 1842) from Gabon

Jori, F., López-Béjar, M., Mayor, P. & López, C., 12 feb 2002, En: Journal of Zoology. 256, 1, p. 35-43

The Bull and Artificial Insemination. G.R. Richards. Management of Reproduction in Cattle and Buffaloes

Lopez Bejar, M. A., Wennberg Rutllant, J. R. & López-Gatius, F., 1 ene 2002, 1 ed. Wallingford (GB): CAB International.

Effects of the addition of glutathione during maturation on in vitro fertilisation of prepubertal goat oocytes

Mayor, P., López-Béjar, M., Rodríguez-González, E. & Paramio, M. T., nov 2001, En: Zygote. 9, 4, p. 323-330 8 p.

Persistent ovarian follicles in dairy cows: A therapeutic approach

López-Gatius, F., Santolaria, P., Yániz, J., Rutllant, J. & López-Béjar, M., 1 sept 2001, En: Theriogenology. 56, p. 649-659

Atlas de los músculos del perro I: Miembros torácico y pelviano

Lopez Bejar, M. A., Lopez Plana, C. & Labeaga, J. R., 1 ene 2001

Confocal scanning laser microscopy examination of bovine vaginal fluid at oestrus.

Rutllant, J., López-Béjar, M., Camon, J., Martí, M. & López-Gatius, F., 1 ene 2001, En: Anat Histol Embryol. 30, 3, p. 159--62

Effects of the addition of Glutathione during maturation on in vitro fertilization of prepubertal goat oocytes

Lopez Bejar, M. A., Mayor Aparicio, P. G., Paramio Nieto, M. T., Rodríguez-González, E., Velilla, E. & Fenech, M., 1 ene 2001, En: Theriogenology. 55, 1, p. 486-486

Embryo development after in vitro maturation of heifer oocytes in the presence of EGF and FSH

Mertens, MJ., López-Béjar, M., Pujol, M., Rodríguez-González, E., Velilla, E. & Paramio, MT., 1 ene 2001, En: Theriogenology. 55, 1, p. 487-487

Male Pronuclear formation in prepubertal goat oocytes after in vitro maturation in presence of Thiol Compounds

Rodríguez-González, E., López-Béjar, M., Velilla, E., Mertens, MJ. & Paramio, MT., 1 ene 2001, En: Theriogenology. 55, 1, p. 493-493

Estrus induction in the chinchilla

Lopez-Bejar, M., Jori, F., Rutllant, J. & Lopez-Gatius, F., 2001, En: Theriogenology.

Male pronuclear formation in prepubertal goat oocytes after in vitro maturation in the presence of thiol compounds

Rodriguez-Gonzalez, E., Lopez-Bejar, M., Velilla, E., Mertens, M. J. & Paramio, M., 2001, En: Theriogenology.

A scanning electron microscopic study of the peritoneal mesothelium covering the genital tract and its ligaments in the cow

Yániz, J. L., Santolaria, P., Rutllant, J., López-Béjar, M. & López-Gatius, F., 1 ene 2000, En: Anatomia, Histologia, Embryologia. 29, 3, p. 149-155

Effects of Epidermal Growth Factor and Cysteamine during in vitro maturation of prepubertal goat oocytes on Maturation, IVF and Embryonic development

Rodriguez-Gonzalez, E., Lopez-Bejar, M., Velilla, E. & Paramio, MT., 1 ene 2000, En: Theriogenology. 53, 1, p. 468-468

Selection of immature heifer oocytes using the Brilliant Cresyl Blue

Pujol, M., Lopez-Bejar, M., Mertens, MJ., Rodriguez-Gonzalez, E., Velilla, E. & Paramio, MT., 1 ene 2000, En: Theriogenology. 53, 1, p. 466-466

Effects of epidermal growth factor and cysteamine during in vitro maturation of prepubertal goat oocytes on maturation, in vitro fertilization and embryonic development

Rodriguez-Gonzalez, E., Lopez-Bejar, M., Velilla, E. & Paramio, M. T., 2000, En: Theriogenology.

In vitro and in vivo survival of vitrified rabbit embryos

Lopez-Bejar, M. & Lopez-Gatius, F., 2000, En: Theriogenology.

Relationship between ultrasonographic findings and plasma progesterone concentrations in dairy cows with ovarian cysts

Lopez-Gatius, F., Lopez-Bejar, M., Yaniz, J., Santolaria, P. & Rutllant, J., 2000, En: Theriogenology.

Selection of immature heifer oocytes using the brilliant cresyl blue test

Pujol, M., Lopez-Bejar, M., Mertens, M. J., Rodriguez-Gonzalez, E., Velilla, E. & Paramio, M. T., 2000, En: Theriogenology.

Changes in Zona Pellucida Surface after in vivo and in vitro Maturation of Caprine Oocytes

Villamediana, P., Rutllant, J., López-Béjar, M. A., Vidal, F. & Paramio, M. T., 1 oct 1999, En: *Reproduction in Domestic Animals*. 34, 5, p. 417-421

A structural study of the bovine vaginal fluid at estrus

Rutllant, J., López, G. F., Camon, J., López, B. M. & López, P. C., 1 may 1999, En: *Scanning*. 21, 3, p. 204-211

The biology and use of the African brush-tailed porcupine (*Atherurus africanus*, Gray, 1842) as a food animal. A review

Jori, F., Lopez-Béjar, M. & Houben, P., 1 dic 1998, En: *Biodiversity and Conservation*. 7, 11, p. 1417-1426

Morphological Features and Effects on Reproductive Parameters of Ovarian Cysts of Follicular Origin in Superovulated Rabbit Does

López-Béjar, M. A., López-Gatius, F., Camón, J., Rutllant, J., Valls, X., Labèrnia, J. & Santolaria, P., 1 ene 1998, En: *Reproduction in Domestic Animals*. 33, 6, p. 369-378

Rapid freezing of rabbit embryos has a negative effect on embryo morphology

López-Béjar, M. A., López-Gatius, F., Camón, J., Rutllant, J., Labèrnia, J. & Santolaria, P., 1 dic 1997, En: *Reproduction in Domestic Animals*. 32, 5, p. 237-241

The relationship of rheological behavior of the vaginal fluid at the time of insemination to the pregnancy rate in dairy cows

López-Gatius, F., Labèrnia, J., Santolaria, P., Rutllant, J. & López-Béjar, M., 1 oct 1997, En: *Theriogenology*. 48, p. 865-871

A Scanning Electron Microscope Study of the Structural Component of the Bovine Vaginal Fluid at Oestrus

Rutllant, J., López-Gatius, F., Camón, J., López-Plana, C. & López-Béjar, M., 1 jun 1997, En: *Journal of Veterinary Medicine Series A: Physiology Pathology Clinical Medicine*. 44, 4, p. 237-241

A scanning electron microscope study of the structural component of the bovine vaginal fluid at oestrus

Lopez Bejar, M. A., Lopez Plana, C., Rutllant Labeaga, J., López-Gatius, F. & Camón, J., 1 ene 1997, En: *Journal of Veterinary Medicine Series A: Physiology Pathology Clinical Medicine*. 44, p. 237-241

Development in vivo of rabbit morulae after freezing using a two-step cooling method

López-Béjar, M. A. M., López-Gatius, F., Rutllant, J., Camón, J., Labèrnia, J. & Santolaria, P., 1 dic 1996, En: *Reproduction in Domestic Animals*. 31, 4-5, p. 661-664

Effect of reproductive disorders previous to conception on pregnancy attrition in dairy cows

López-Gatius, F., Labèrnia, J., Santolaria, P., López-Béjar, M. & Rutllant, J., 1 ene 1996, En: *Theriogenology*. 46, p. 643-648

Influence of management factors on pregnancy attrition in dairy cattle

Labèrnia, J., López-Gatius, F., Santolaria, P., López-Béjar, M. & Rutllant, J., 1 ene 1996, En: *Theriogenology*. 45, 6

Rheological behavior of the vaginal fluid of dairy cows at estrus

López-Gatius, F., Rutllant, J., Labèrnia, J., Ibarz, A., López-Béjar, M. & Santolaria, P., 1 ene 1996, En: *Theriogenology*. 46, 1, p. 57-63

Persistent Truncus Arteriosus in a Diprosopic Newborn Calf

Camón, J., López-Béjar, M. A., Verdú, J., Rutllant, J., Sabaté, D., Degollada, E. & López-Plana, C., 1 ene 1995, En: *Journal of Veterinary Medicine Series A: Physiology Pathology Clinical Medicine*. 42, 1-10, p. 41-49

Persistent truncus arteriosus in a diprosopic newborn calf

Camón, J., López Béjar, M. A., Verdú, J., Rutllant, J., Sabaté, D., Degollada, E. & López Plana, C., 1 ene 1995, En: *Journal of Veterinary Medicine Series A: Physiology Pathology Clinical Medicine*. 42, p. 41-49

Development in vitro of rabbit embryos after freezing by two-step or ultra-rapid cooling methods.

López-Béjar, M., López-Gatius, F., Camon, J., Rutllant, J. & Labèrnia, J., 1 ene 1994, En: Journal of Veterinary Medicine Series A: Physiology Pathology Clinical Medicine. 41, 10, p. 780--90

Development In Vitro of Rabbit Embryos After Freezing by Two-Step or Ultrarapid Cooling Methods

Béjar, M. L., López-Gatius, F., Camón, J., Rutllant, J. & Labèrnia, J., 1 ene 1994, En: Journal of Veterinary Medicine Series A: Physiology Pathology Clinical Medicine. 41, 1-10, p. 780-790

Sperm motion and rheological behavior of the vaginal fluid of superovulated dairy heifers

López-Gatius, F., Rutllan, J., López-Béjar, M. & Labèrnia, J., 1 ene 1994, En: Theriogenology. 41, p. 1523-1531

Vascular anatomy of a dicephalic cat.

Camon, J., Sabaté, D., Degollada, E. & López-Béjar, MA., 1 sept 1991, En: Anatomy and Embryology. 184, 5, p. 507-515

Associated multiple congenital malformations in domestic animals. Contribution of four cases.

Camon, J., Sabaté, D., Franch, J., López-Béjar, MA., Pastor, J., Rutllant, J., Ordeig, J., Degollada, E. & Verdú, J., 1 ene 1990, En: Journal of Veterinary Medicine Series A: Physiology Pathology Clinical Medicine. 37, 9, p. 659-668