

Genetics, Animal Genetic Resources and Breeding

GENOME-WIDE ASSOCIATION STUDY FOR GROWTH TRAITS IN BLANCO OREJINERO (BON) CATTLE FROM COLOMBIA
M. Londoño-Gil, J.C. Rincón Flórez,
A. Lopez-Herrera and L.G. Gonzalez-Herrera

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Utilization of dragon fruit waste by-products and non-protein nitrogen source: Effects on in vitro rumen fermentation, nutrients degradability and methane production

M. Matra, P. Totakul and M. Wanapat

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Original research articles

Genome-wide analysis of genetic diversity and selection signatures in three Indian sheep breeds
K.A. Saravanan, M. Panigrahi, H. Kumar, B. Bhushan, T. Dutt and B.P. Mishra

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Effect of totally replacing hay by wood chips and feed delivery system on performance, behavior and carcass traits of finishing steers

V. Beretta, A. Simeone, J. Franco, O. Bentancur, A. Casaretto, S. Mondelli and G. Valdez

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Breed direct, maternal and heteros is effects due to Angus, Caracu, Hereford and Nelore on carcass and meat quality traits of cull cows
F.S. Mendonça, M.D. MacNeil, E. Nalerio, L.L. Cardoso, C. Giongo and F.F. Cardoso

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Effect of carcass characteristics and sheep breeding values on the yield of dry- and wet-aged multipurpose merino cull ewe meat
M. Hastie, R. Jacob, M. Ha, G. Hepworth, D. Torrico, H. Ashman and R. Warner

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Effect of sequential feeding of phosphorus-deficient diets and high-dose phytase on efficient phosphorus utilization in broiler chickens
N. Baradaran, M.H. Shahir, H.R. Taheri and M.R. Bedford

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Evaluation of a standardized mixture of synbiotic-glyconutrients as a feed additive in steers fed a finishing diet: Site and extent of digestion, ruminal fermentation, and microbial protein synthesis
V.H. Núñez-Benítez, A. Barreras, A. Estrada-Angulo, B.I. Castro-Pérez, J.D. Urías-Estrada, R.A. Zinn, J.B. Leyva-Morales and A. Plascencia

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Effects of maternal vitamin D₃ status on quality traits of *longissimus dorsi* muscle in offspring pigs during postmortem storage

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Enteric methane emissions from lactating dairy cows grazing cultivated and native pastures in the high Andes of Peru
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Effects of a low allergenic soybean variety on gut permeability, microbiota composition, ileal digestibility of amino acids, and growth performance in pigs

K.M. Zeamer, R.S. Samuel, B.S. Pierre, R.C. Thaler, T.A. Woyengo, T. Hymowitz and C.L. Levesque

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Performance, carcass traits, physicochemical properties and fatty acids composition of lamb's meat fed diets with marine microalgae meal (*Schizochytrium* sp.)
R.d.L. Valençá, A.G.d. Silva Sobrinho, T.H. Borghi, D.A.R. Meza, N.d. Andrade, L.G. Silva and L.R. Bezerra

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Bioavailability and metabolism of omega-3 polyunsaturated fatty acids in pigs and omega-3 polyunsaturated fatty acid-enriched pork: A review
C. Huang, L.I. Chiba and W.G. Bergen

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Behaviour, Health and Welfare**Original research articles**

Space allowance determination by considering its coefficient with toy provision on production performance, behavior and physiology for grouped growing pigs

Y. Li, C. Wang, S. Huang, Z. Liu and H. Wang

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Cooling growing/finishing pigs with showers in the slatted area: Effect on animal occupation area, pen fouling and ammonia emission
K.-H. Jeppsson, A.-C. Olsson and A. Nasirahmadi

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Sida silage in cattle nutrition – effects on the fattening performance of Holstein-Friesian bulls and beef quality
M. Modzelewska-Kapituła, K. Tkacz, A. Więk, S. Rybaczek and Z. Nogalski

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Prediction of tissue composition of live dairy calves and carcasses by computed tomography
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In vitro maturation medium supplementation with resveratrol improves cumulus cell expansion and developmental competence of Sanjabi sheep oocytes
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Factors influencing multiple ovulation in dairy cows from *Latvian brown*, *Latvian blue*, and *Danish red* breeds at risk in Latvia
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