

**Genetics, Animal Genetic Resources and Breeding***Original research articles***Genetic parameters and multi-trait genomic**

prediction for hemoparasites infection levels in cattle

A.R.d.S. Romero, A.V.d. Nascimento, M.C.d.S. Oliveira, C.H. Okino, C.U. Braz, D.C.B. Scalez, D.F. Cardoso, F.F. Cardoso, C.C.G. Gomes, A.R. Caetano, H. Tonhati, C. Gondro and H.N. de Oliveira

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**Analysis of genetic variability and population structure of the Mangalica pig breed using pedigree data**

A.T. Nguyen, G. Kövér, J. Farkas, Á. Bokor, P. Tóth and I. Nagy

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**Genomic diversity and population structure of the Czech Holstein cattle**

L. Vostry, H. Vostra-Vydrova, N. Moravcikova, R. Kasarda, V. Cubric-Curik, M. Brzakova, J. Solkner, M. Shihabi, J.A.H. Moreno, M. Spehar and I. Curik

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**Non-Ruminant Nutrition***Original research articles***Effects of probiotic bacteria-fermented herbal combinations on growth performance, immunity, and meat quality of grower-finisher pigs**

S.T. Ahmed, H.S. Mun and C.J. Yang

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**Behaviour, Health and Welfare***Short communication***A note on sows' behaviour towards humans during lactation in farrowing pens with short-term fixation and its effects on piglet mortality**

B.-M. Baude, K. Krugmann, S. Diers and J. Krieter

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**Livestock Farming Systems and Management***Original research articles***Lowering antibiotic usage and phasing out pharmaceutical zinc oxide in Danish pig herds: Pig farmers' and veterinarians' experiences and perceptions**

H. Kongsted and E.T.M. Loughlin

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