
Animal Breeding and Genetics

- 913** Comparison of genome-wide association and genomic prediction methods for milk production traits in Korean Holstein cattle
SeokHyun Lee, ChangGwon Dang, YunHo Choy, ChangHee Do, Kwanghyun Cho, Jongjoo Kim, Yousam Kim, Jungjae Lee (Korea)
- 922** Relationship between porcine miR-20a and its putative target low-density lipoprotein receptor based on dual luciferase reporter gene assays
Yueyun Ding, Shujiao Zhu, Chaodong Wu, Li Qian, DengTao Li, Li Wang, Yuanlang Wang, Wei Zhang, Min Yang, Jian Ding, Xudong Wu, Xiaodong Zhang, Yafei Gao, Zongjun Yin (China)
- 930** Genetic parameters and inbreeding effects for production traits of Thai native chickens
Siriporn Tongsiri, Gilbert M. Jeyaruban, Susanne Hermes, Julius H. J. van der Werf, Li Li, Theerachai Chormai (Australia)
- 939** Sequence characterization and polymorphism of melanocortin 1 receptor gene in some goat breeds with different coat color of Mongolia
Onolragchaa Ganbold, Prabuddha Manjula, Seung-Hwan Lee, Woon Kee Paek, Dongwon Seo, Munkhbaatar Munkhbayar, Jun Heon Lee (Korea)
- 949** Association of polymorphisms in bone morphogenetic protein receptor-1B gene exon-9 with litter size in Dorset, Mongolian, and Small Tail Han ewes
Jianlei Jia, Qian Chen, Linsheng Gui, Jipeng Jin, Yongyuan Li, Qiaohong Ru, Shengzhen Hou (China)

Animal Reproduction and Physiology

- 956** Effect of oocyte chromatin status in porcine follicles on the embryo development *in vitro*
Joo Bin Lee, Min Gu Lee, Tao Lin, Hyeon Yeong Shin, Jae Eun Lee, Jung Won Kang, Dong-Il Jin (Korea)

Ruminant Nutrition and Forage Utilization

- 966** Phenolic plant extracts are additive in their effects against *in vitro* ruminal methane and ammonia formation
Susanne Sinz, Svenja Marquardt, Carla R. Soliva, Ueli Braun, Annette Liesegang, Michael Kreuzer (Switzerland)
- 977** Characterization of starch and gum arabic-maltodextrin microparticles encapsulating acacia tannin extract and evaluation of their potential use in ruminant nutrition
Festus A. Adejoro, Abubeker Hassen, Mapitsi S. Thantsha (South Africa)
- 988** Temperature and microbial changes of corn silage during aerobic exposure
Seong Shin Lee, Hyuk Jun Lee, Dimas Hand Vidya Paradhita, Young Ho Joo, Sang Bum Kim, Dong Hyeon Kim, Sam Churl Kim (Korea)

- 996** Dynamics of fungal community during silage fermentation of elephant grass (*Pennisetum purpureum*) produced in northern Vietnam
Viet Ha Vu, Xiyang Li, Mengyuan Wang, Rongmei Liu, Guojian Zhang, Wei Liu, Baixue Xia, Qun Sun (China)
- 1007** Effect of fermented spent instant coffee grounds on milk productivity and blood profiles of lactating dairy cows
Yongjun Choi, Jongsu Rim, Honggu Lee, Hyunchul Kwon, Youngjun Na, Sangrak Lee (Korea)

Animal Products

- 1015** White striping degree assessment using computer vision system and consumer acceptance test
Talita Kato, Saulo Martiello Mastelini, Gabriel Fillipe Centini Campos, Ana Paula Ayub da Costa Barbon, Sandra Helena Prudencio, Massami Shimokomaki, Adriana Lourenço Soares, Sylvio Barbon Jr. (Brazil)
- 1027** Effect of aged garlic powder on physicochemical characteristics, texture profiles, and oxidative stability of ready-to-eat pork patties
Ji-Han Kim, Hyun-Joo Jang, Chi-Ho Lee (Korea)
- 1036** Muscle-specific color stability in fresh beef from grain-finished *Bos indicus* cattle
Ana Paula A. A. Salim, Surendranath P. Suman, Anna C. V. C. S. Canto, Bruno R. C. Costa-Lima, Fernanda M. Viana, Maria Lucia G. Monteiro, Teofilo J. P. Silva, Carlos A. Conte-Junior (Brazil)

Animal Biotechnology

- 1044** Multi-tissue observation of the long non-coding RNA effects on sexually biased gene expression in cattle
Joon Yoon, Heebal Kim (Korea)
- 1052** Identification of duck liver-expressed antimicrobial peptide 2 and characterization of its bactericidal activity
Yejin Hong, Anh Duc Truong, Janggeun Lee, Kyungbaek Lee, Geun-Bae Kim, Kang-Nyeong Heo, Hyun S. Lillehoj, Yeong Ho Hong (Korea)

Animal Behavior and Welfare

- 1062** Variability of laying hen behaviour depending on the breed
Agnieszka Kozak, Kornel Kasparek, Grzegorz Zięba, Iwona Rozempolska-Rucińska (Poland)