

Editorial

- 1661** — Editorial — Unprecedented H5N1 outbreak: a rare cross-species influenza threat
Cheol-Heui Yun (Korea)

Animal Breeding and Genetics

- 1664** Revealing the complete mtDNA genome sequence of Cemani chicken (*Gallus gallus*) by using Nanopore sequencing analysis
Sutopo Sutopo, Dela Ayu Lestari, Asep Setiaji, Sri Rachma Aprilita Bugiwati, Muhammad Ihsan Andi Dagong, Nena Hilmia, Dani Garnida, Indrawati Yudha Asmara, Edy Kurnianto (Indonesia)
- 1673** Weighted gene co-expression network analysis identifies important modules and hub genes involved in the regulation of breast muscle yield in broilers
Xing Guo, Hao Wang, Meng Liu, Jin-Mei Xu, Ya-Nan Liu, Hong Zhang, Xin-Xin He, Jiang-Xian Wang, Wei Wei, Da-Long Ren, Run-Shen Jiang (China)
- 1683** Runs of homozygosity analysis for selection signatures in the Yellow Korean native chicken
Jaewon Kim, John Kariuki Macharia, Minjun Kim, Jung Min Heo, Myunghwan Yu, Hyo Jun Choo, Jun Heon Lee (Korea)
- 1692** Revealing the global mechanism related to carnosine synthesis in the pectoralis major of slow-growing Korat chickens using a proteomic approach
Panpradub Sinpru, Chanadda Suwanvichanee, Rujjira Bunnom, Satoshi Kubota, Jirawat Yongsawatdigul, Wittawat Molee, Kanjana Thumanu, Amonrat Molee (Thailand)
- 1702** Comprehensive genome-wide analysis of genetic loci and candidate genes associated with litter traits in purebred Berkshire pigs of Korea
Jun Park (Korea)

Animal Reproduction and Physiology

- 1712** Effects of prolactin on the proliferation and hormone secretion of ovine granulosa cells *in vitro*
Haiying He, Xiaohui Su, Huiguo Yang, Yingjie Zhang, Chunhui Duan, Ruochen Yang, Fengmei Xie, Yueqin Liu, Wujun Liu (China)

Ruminant Nutrition and Forage Utilization

- 1726** Substituting effects of winged bean tuber-modified starches for cassava chip in concentrate diets on rumen fermentation, nutrient utilization, and blood metabolites in Thai native beef cattle
Narirat Unnawong, Chaichana Suriyapha, Sompong Chankaew, Tepratan Rakvong, Anusorn Cherdthong (Thailand)
- 1738** A lysing polysaccharide monooxygenase from *Aspergillus niger* effectively facilitated rumen microbial fermentation of rice straw
Ting Li, Kehui OuYang, Qinghua Qiu, Xianghui Zhao, Chanjuan Liu (China)

Nonruminant Nutrition and Feed Processing

- 1751** Effect of replacing concentrates with cassava root-top silage on feed utilization, rumen fermentation, blood parameters and growth performance in beef cattle
Nirawan Gunun, Randorn Phimda, Nonthasak Piamphon, Walailuck Kaewwongsa, Darunee Puangbut, Chatchai Kaewpila, Waroon Khota, Anusorn Cherdthong, Pongsatorn Gunun (Thailand)
- 1759** Dietary phytosterols improves the metabolic status of perinatal cows as evidenced by plasma metabolomics and faecal microbial metabolism
Jian Gao, Donghai Lv, Zichen Wu, Zhanying Sun, Xiaoni Sun, Suozhu Liu, Zhankun Tan, Weiyun Zhu, Yanfen Cheng (China)

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- 1770** Yacon (*Smallanthus sonchifolius*) root extracts affect laying performance, egg quality, serum biochemical parameters and intestinal microbiota in hens
Zhiwei Wu, Qunli Liu, Zhenting Ruan, Liuchao Wang, Jinghui Fan, Fei Chen, Zhangguo Liu, Lizhi Lu (China)
- 1781** Prediction models for phosphorus excretion of pigs
Jeonghyeon Son, Beob Gyun Kim (Korea)
- 1788** Determination and prediction of standardized ileal amino acid digestibility of wheat bran in broiler chickens
Xingbo Liu, Xianglong Yun, Zichen Cheng, Yuming Guo, Jianmin Yuan, Wei Nie (China)

Animal Products

- 1799** Purification of angiotensin converting enzyme inhibitory peptides and antihypertensive effect generated from Indonesian traditional fermented beef (Cangkuk)
Irdha Mirdhayati, Wieda Nurwidada Haritsah Zain, Abdul Fatah, Issei Yokoyama, Keizo Arihara (Indonesia)

Animal Health

- 1809** A study of the immunomodulatory effects of coconut oil extract in broilers experimentally infected with velogenic Newcastle disease virus
Muhammad Wasim Usmani, Farzana Rizvi, Muhammad Kashif Saleemi, Muhammad Zishan Ahmad, Muhammad Numan, Muhammad Zulqarnain Shakir, Nasir Mahmood, Jahanzeb Tahir (Pakistan)