

---

## Animal Breeding and Genetics

- 1579** Generation of single stranded DNA with selective affinity to bovine spermatozoa  
Sivadasan Pathiyil Vinod, Rajamani Vignesh, Mani Priyanka,  
Krishnaswamy Gopalan Tirumurugaan, Salem Nagalingam Sivaselvam,  
Gopal Dhinakar Raj (India)
- 1590** Regulation of toll-like receptors expression in muscle cells by exercise-induced stress  
Jeong-Woong Park, Kyung-Hwan Kim, Joong-Kook Choi, Tae Sub Park, Ki-Duk Song,  
Byung-Wook Cho (Korea)

---

## Ruminant Nutrition and Forage Utilization

- 1600** Nitrogen metabolism and mammary gland amino acid utilization in lactating dairy cows with different residual feed intake  
Yunyi Xie, Chao Miao, Yi Lu, Huizeng Sun, Jianxin Liu (China)
- 1607** *Cnidocolus aconitifolius* leaf pellet can manipulate rumen fermentation characteristics and nutrient degradability  
Pajaree Totakul, Maharach Matra, Sukruthai Sommai, Metha Wanapat (Thailand)
- 1616** Effect of phytol in forage on phytanic acid content in cow's milk  
Renlong Lv, Mabrouk Elsabagh, Taketo Obitsu, Toshihisa Sugino, Yuzo Kurokawa (China)
- 1623** Evaluation of the equation for predicting dry matter intake of lactating dairy cows in the Korean feeding standards for dairy cattle  
Mingyung Lee, Junsung Lee, Seoyoung Jeon, Seong-Min Park, Kwang-Seok Ki, Seongwon Seo (Korea)

---

## Nonruminant Nutrition and Feed Processing

- 1632** Addition of hydrochloric acid to collection bags or collection containers did not change basal endogenous losses or ileal digestibility of amino acid in corn, soybean meal, or wheat middlings fed to growing pigs  
Su A Lee, Laia Blavi, Diego M. D. L. Navarro, Hans H. Stein (USA)
- 1643** A regression for estimating metabolizable glucose in diets of weaned piglets for optimal growth performance  
Liangkang Lv, Zhi Feng, Dandan Zhang, Long Lei, Hui Zhang, Zhengya Liu, Ying Ren, Shengjun Zhao (China)
- 1653** Growth and gut performance of young pigs in response to different dietary cellulose concentration and rearing condition  
Hyun Min Cho, Eunjoo Kim, Samiru Sudharaka Wickramasuriya, Taeg Kyun Shin, Jung Min Heo (Korea)

---

## Vol 34 No 10 · October 2021

---

### Animal Products

- 1663** Meat quality characteristics of pork bellies in relation to fat level  
Van-Ba Hoa, Kuk-Hwan Seol, Hyun-Woo Seo, Pil-Nam Seong, Sun-Moon Kang,  
Yun-Seok Kim, Sung-Sil Moon, Jin-Hyoung Kim, Soo-Hyun Cho (Korea)
- 1674** Fat replacement by pecan nut and oregano oil and their impact on the  
physicochemical properties and consumer acceptability of frankfurters  
Daniela Orozco, Alma Delia Alarcon-Rojo, Celia Chavez-Mendoza, Lorena Luna,  
Luis Manuel Carrillo-Lopez, Oswaldo Ronquillo (Mexico)
- 1684** The significant influence of residual feed intake on flavor precursors and  
biomolecules in slow-growing Korat chicken meat  
Chotima Poompramun, Wittawat Molee, Kanjana Thumanu, Amonrat Molee (Thailand)
- 1695** Effects of ergothioneine-enriched mushroom extract on oxidative stability,  
volatile compounds and sensory quality of emulsified sausage  
Ye Tao, Shan Xiao, Jiaming Cai, Jihui Wang, Lin Li (China)
- 1705** Effects of cooking conditions on the physicochemical and sensory  
characteristics of dry- and wet-aged beef  
Dongheon Lee, Hyun Jung Lee, Ji Won Yoon, Minkyung Ryu, Cheorun Jo (Korea)
- 

### Animal Behavior and Welfare

- 1717** The effect of daily calf stroking frequency during the postnatal period on  
the establishment of the human-calf relationship  
Satoko Wada, Michiru Fukasawa, Takashi Chiba, Tetsuro Shishido, Akitsu Tozawa,  
Shin-ichiro Ogura (Japan)