



CONTENTS

March **2026**
Vol. 2 No. 1

Research Article

- 1** Comparison of genetic diversity for differential gene expression analysis associated with bovine embryo quality
Xu Wenchao and Enkhbolor Barsuren
- 10** Caffeine-drinks effects of energy drink intake on ovarian and uterine histology and systemic metabolic profiles in PMSG-primed mice
Ye-Rin Cho, Jun-Su Kim, So-Jeong Shin, Seung-Jun Lee, Woo-Jin Ryu and Sang-Hwan Kim
- 22** Selective growth-modulating effects of *Cordyceps militaris* on lactic acid bacteria and *Escherichia coli*
Gil-Ha Kim, Ki-Geun Han, Jae-Keun Lee and Woan-Sub Kim

Review Article

- 31** Human-animal interaction and human health: an integrated review of therapeutic effects, risks, ethical considerations, and the one health perspective
Jung-Whan Chon, Kun-Ho Seo, Min-Jung Jung and Kwang-Young Song
- 43** Advanced strategies for plant-derived polyphenols in clean-label meat processing: from oxidation and nitrite/nitrosamine control to delivery systems, active packaging, and omics-driven mechanisms
Eun Jeong Ha, Ju Yi Shin, Min Ji Koh and Hyeong Sang Kim

2026 March Vol.2 No.1

| Publisher: Institute of Applied Humanimal Science, Hankyong National University

| Published: March 31, 2026

| Address: 327 Jungang-ro, Anseong-si, Gyeonggi-Do 17579, Korea · Tel +82-31-670-5122 · E-mail hknu_humanimal@hknu.ac.kr

| Production: Apub Co., Ltd. +82-2-2274-3666