Special Issue

Feed Additives and
Micronutrients on
Performance, Nutrient
Utilization, Immunity, Oxidative
Stress, Gut Health and
Microbiome of Pigs and Sows:
Third Edition

Message from the Guest Editor

In modern swine production, weaning pigs and sows face several challenges, including stress, disease, nutritional deficiencies, and gut-related issues.

Nutrition, particularly the inclusion of functional amino acids, micronutrients, and feed additives, plays a key role in supporting growth, immune function, gut health, and overall resilience. This Special Issue invites original research and review articles focused on the roles of feed additives, functional amino acids, and micronutrients in enhancing performance, immunity, resistance to oxidative stress, gut microbiota, and intestinal health in pigs and sows. The aim is to support sustainable, health-focused swine production through science-based nutritional strategies.

Guest Editor

Dr. Young-Dal Jang

College of Agricultural & Environmental Sciences, University of Georgia, Athens. GA. USA

Deadline for manuscript submissions

28 February 2026



an Open Access Journal by MDPI

Impact Factor 2.7 CiteScore 5.2 Indexed in PubMed



mdpi.com/si/243220

Animals
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
animals@mdpi.com

mdpi.com/journal/ animals





an Open Access Journal by MDPI

Impact Factor 2.7 CiteScore 5.2 Indexed in PubMed



About the Journal

Message from the Editor-in-Chief

Animals is an on-line open access journal that was first published in 2011. Animals adheres to rigorous peerreview and editorial processes and publishes only high quality manuscripts that address important issues in the many varied disciplines that involve animals, with a focus on animal science, animal welfare and animal ethics. Animals is covered in the Science Citation Index Expanded (SCIE) in Web of Science, with the latest Impact Factor: 2.7 (2024, ranks 15/86 (Q1) in 'Agriculture, Dairy & Animal Science'; 21/170 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

Editor-in-Chief

Prof. Dr. Clive J. C. Phillips

Institute of Veterinary Medicine and Animal Sciences, Estonian University of Life Sciences, Kreutzwaldi 1, 51014 Tartu, Estonia
 Curtin University Sustainability Policy (CUSP) Institute, Kent St., Bentley 6102, Australia

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, PubAg, AGRIS, Animal Science Database, CAB Abstracts, and other databases.

Journal Rank:

JCR - Q1 (Veterinary Sciences) / CiteScore - Q1 (General Veterinary)

