Special Issue

Use of Agro-Industrial Co-Products in Animal Nutrition

Message from the Guest Editor

With the intensification of global competition for food resources, the high dependence on corn and soybean meal as traditional feed raw materials has gradually exposed the problems of high cost fluctuation and resource shortage. Using corn and soybean meal reduction replacement technology, the use of non-grain feed raw materials (such as agricultural and sideline products, microbial proteins, etc.) can not only reduce feed costs but also reduce the competitive pressure on main food crops, as well as promote the green development of animal husbandry. The technology combines a feed raw material database and an intelligent algorithm to fully grasp the nutrient compositions of raw materials and animal needs, accurately optimize the feed formula, improve the feed conversion efficiency, and reduce waste and emissions.

Guest Editor

Dr. Xiaokang Ma

Animal Nutritional Genome and Germplasm Innovation Research Center, College of Animal Science and Technology, Hunan Agricultural University, Changsha 410128, China

Deadline for manuscript submissions

1 November 2025

Animals

an Open Access Journal by MDPI

Impact Factor 2.7
CiteScore 5.2
Indexed in PubMed

mdpi.com/si/231688

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

mdpi.com/journal/animals

Animals

an Open Access Journal by MDPI

Impact Factor 2.7
CiteScore 5.2
Indexed in PubMed

mdpi.com/journal/animals

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
1. Institute of Veterinary Medicine and Animal Sciences, Estonian University of Life Sciences, Kreutzwaldi 1, 51014 Tartu, Estonia
2. 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)