

Special Issue

Optimizing Alternative Protein Sources for Sustainable Poultry Diet

Message from the Guest Editor

Alternative protein sources are gaining increasing attention as sustainable and innovative options in poultry nutrition. In the face of rising feed costs, environmental concerns, and global demand for animal protein, optimizing alternative protein ingredients has become essential for the development of resilient and environmentally responsible poultry production systems. This Special Issue aims to gather recent advances in the use, evaluation, and optimization of alternative protein sources for poultry diets. It fits the scope of *Animals* by addressing animal nutrition, feed sustainability, and welfare, and by supporting interdisciplinary approaches to future-oriented livestock production. We welcome studies that assess the nutritional value, digestibility, safety, and performance outcomes of various alternative proteins, including insect meals, microalgae, single-cell proteins, co-products from food and biofuel industries, and fermented feed materials. Life cycle assessment (LCA), environmental and economic aspects, and effects on gut health and product quality are also of great interest. We look forward to receiving your contributions.

Guest Editor

Dr. Ondřej Šťastník

Department of Animal Nutrition and Forage Production, Mendel University in Brno, Brno, Czech Republic

Deadline for manuscript submissions

31 May 2026



Animals

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/248225

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](https://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)