



animals



an Open Access Journal by MDPI

Novel Technology in Poultry Production and Nutrition: Role in Disease Prevention, Performance and Welfare Improvement and Sustainability

Guest Editors:

Dr. Vasilios Tsiouris

Dr. Georgios A. Papadopoulos

Dr. Ilias Giannenas

Prof. Dr. Paschalis Fortomaris

Deadline for manuscript
submissions:

closed (30 June 2025)

Message from the Guest Editors

Rapid global population growth and rising incomes in developing countries have led to increased demand for protein, which is one of the most expensive and limiting feed ingredients. The poultry industry can play a key role in alleviating poverty as well as food scarcity. The poultry industry faces an ongoing challenge to apply novel technologies and develop management strategies to optimize chicken performance while minimizing food safety concerns. Considering the shift away from the use of antibiotics in poultry feed and the impact of zoonotic agents on poultry, public and environmental health, a “One Health” approach should be adopted. All these technologies in poultry production and nutrition bring new challenges and demand a holistic approach through novel feed strategies in order to minimize the impact on poultry health and welfare as well as to guarantee food safety and security for a growing human population. The purpose of this Special Issue is to provide current knowledge on novel technology in poultry production and nutrition with the potential for disease prevention, performance and welfare improvement.



mdpi.com/si/173384

Special Issue



an Open Access Journal by MDPI

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

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.

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)

Contact Us

Animals Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/animals
animals@mdpi.com
[X@Animals_MDPI](https://twitter.com/Animals_MDPI)