

Special Issue

The Use of Phytogetic Feed Additives to Enhance Productivity and Health in Animals

Message from the Guest Editors

Animal disease causes damage to animal production performance, milk, and meat quality. In general, treatment of animal disease using antibiotics is worrisome for animal and human health because of the presence of residues of these antibiotics in milk and meat. Therefore, the development of alternative phytogetic feed additives and novel plant extracts to mount the innate immune response to treat animal disease is urgent for improving animal productivity and human health. This Special Issue publishes original research papers and reviews on the use of phytogetic feed additives or plant extracts for improving productivity and health in animals. Key areas of interest focus on the use of phytogetic feed additives or plant extracts to enhance animal productivity, innate immune response, and reduce inflammation response, including 1) the study interplay between feed additives and gut and mammary gland health of ruminant animals in vivo and 2) the use of novel plant extracts to study the molecular mechanism of reducing pro-inflammation response in ruminant rumen and gut epithelium in vitro.

Guest Editors

Prof. Dr. Guoqi Zhao

Dr. Miao Lin

Dr. Kang Zhan

Deadline for manuscript submissions

closed (30 April 2023)



Animals

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 4.9
Indexed in PubMed



mdpi.com/si/117327

Animals

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

[mdpi.com/journal/
animals](https://mdpi.com/journal/animals)





Animals

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 4.9
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 (2023, ranks 10/80 (Q1) in 'Agriculture, Dairy & Animal Science'; 16/167 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.0.

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)