



Agricultural By-Products in Animal Nutrition

Guest Editors:

Dr. Aristidis S. Veskokouis

Department of Nutrition and Dietetics, School of Physical Education, Sport Science and Dietetics, University of Thessaly, Argonafton 1, 42132 Trikala, Greece

Prof. Dr. Dimitrios Kouretas

Department of Biochemistry and Biotechnology, University of Thessaly, Viopolis, Mezourlo, 41500 Larissa, Greece

Deadline for manuscript submissions:

closed (15 May 2022)

Message from the Guest Editors

Dear Colleagues,

Procedures such as vinification and olive oil production are of high nutritional and social significance since they generate essential agricultural products, but they also result in by-products. Thus, it is imperative that specific by-products can be valorized through their incorporation in feed for productive animals. Recent experimental evidence indicates agricultural by-products are rich in polyphenolic compounds, which exert potent antioxidant properties, hence they appear to be proper constituents of biofunctional feed.

Researchers are invited to submit original articles, reviews and opinion papers on (but not limited to):

- The biological role of agricultural by-products in vitro and in vivo
- The biological effects of biofunctional feed enriched with agricultural by-products after administration to animals
- The toxic effects of agricultural by-products
- The assessment of the nutritional value of biofunctional feed in vitro and in vivo
- The in vitro and in vivo evaluation of the antioxidant properties of polyphenolic compounds and plant extracts that are potential constituents of biofunctional feed





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Patrick Butaye

1. Department of Pathobiology,
Pharmacology and Zoological
Medicine, Faculty of Veterinary
Medicine, Ghent University,
Salisburylaan 133, B9820
Merelbeke, Belgium

2. Department of Infectious
Diseases and Public Health,
Jockey Club College of Veterinary
Medicine and Life Sciences, City
University of Hong Kong, 31 To
Yuen Street, Kowloon, Hong
Kong SAR 999077, China

Message from the Editor-in-Chief

Veterinary Sciences (ISSN 2306-7381) is an international and interdisciplinary scholarly open access journal that aims at publishing research in all fields of veterinary medicine in a democratic way. We encourage scientists to publish their original research articles, reviews, communications, and short notes in as much detail as possible. Articles submitted that involve subjecting animals to unnecessary pain or suffering will not be accepted, and all articles must be submitted with the necessary ethical approval (please refer to the Ethical Guidelines for more information).

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, and other databases.**

Journal Rank: JCR - Q1 (*Veterinary Sciences*) / CiteScore - Q2 (*General Veterinary*)

Contact Us

Veterinary Sciences Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/vetsci
vetsci@mdpi.com
[X@VetSci_MDPI](https://twitter.com/VetSci_MDPI)