

Special Issue

Alternative Protein Sources in Feed

Message from the Guest Editor

In an era that promotes circular economy and sustainability, and considering the increasing demand for food and feed, it is of the utmost importance to assess and characterize potential feed sources providing protein in animal nutrition in order to mitigate environmental impact, improve economic efficiency, and to promote social sustainability and sustainable animal production.

Plant and animal by-products from the agriculture and food production chain, alternative crops, algae, insect meals, yeasts, fungi, and bacteria are some of the examples of sources that have been characterized. Some of the challenges in using alternative protein sources include imbalanced amino acid profile, the presence of antinutritional factors, health hazards, technical issues and high costs related with production and processing.

This Special Issue aims to provide new insights into the characterization of potential protein sources in animal nutrition and their effects on animal health, as well as environmental, economic and social sustainability in animal production.

Guest Editor

Dr. Joana Nery

Department of Veterinary Sciences, University of Turin, 10095 Grugliasco, Italy

Deadline for manuscript submissions

closed (10 June 2023)



Agriculture

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 6.3



mdpi.com/si/121761

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

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





Agriculture

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 6.3



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



About the Journal

Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

Editor-in-Chief

Prof. Dr. Les Copeland

Sydney Institute of Agriculture, School of Life and Environmental Sciences, The University of Sydney, Sydney, NSW 2006, 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), PubAg, AGRIS, RePEc, and other databases.

Journal Rank:

JCR - Q1 (Agronomy) / CiteScore - Q1 (Plant Science)