Special Issue

Current Challenges in Microbiology and Chemistry of Animal Feed

Message from the Guest Editors

Animal feed, in respect to its quality and nutrient value, is the keystone for the health and well-being of animals. It is well known that the quality of feed depends on a number of factors, including the production, selection and handling of raw materials and their production, transport, storage and final distribution. Therefore, the influence of different environmental conditions on both chemical composition and microbiological quality is inevitable. The control and use of various chemical and microbiological testing is important in obtaining the highest quality of animal feed. The analysis of feed via standard chemical and microbiological methods has been conducted for a long period of time. However, recent genomic and scientific technology breakthroughs have greatly improved these fields of research and resulted in use of more precise methods for the detection, control and prevention of risks that animal feed can pose to human and animal health. The aim of this Special Issue is to gather new knowledge by presenting important findings in the fields of chemistry, microbiology, and toxicology, as well as in (instrumental) techniques used for the analysis of feed.

Guest Editors

Dr. Marijana Sokolovic

Poultry Centre, Croatian Veterinary Institute, Heinzelova 55, 10000 Zagreb, Croatia

Prof. Dr. Camelia Tulcan

Faculty of Engineering and Applied Technologies, University of Life Sciences King Mihai I from Timisoara, Timisoara, Romania

Deadline for manuscript submissions

closed (25 September 2025)



Agriculture

an Open Access Journal by MDPI

Impact Factor 3.6 CiteScore 6.3



mdpi.com/si/215416

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

mdpi.com/journal/agriculture





Agriculture

an Open Access Journal by MDPI

Impact Factor 3.6 CiteScore 6.3



About the Journal

Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, scholarly and scientific open access journal publishing peer-reviewed research papers, review articles, communications and short notes that reflect the breadth and interdisciplinarity of agriculture.

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)

