

Special Issue

Dairy Cow Nutrition and Milk Quality—2nd Edition

Message from the Guest Editors

During the COVID-19 pandemic, milk products became increasingly important for enhancing human health. There is a high demand for the improvement and evaluation of milk quality and animal welfare. The application of modern molecular technology in assessing dairy cow nutrition and milk quality will help to uncover the metabolic mechanisms in animal, milk, and human health functions. It will improve our understanding of milk not only as a source of normal dietary nutrients but also as a source of bioactive compounds with direct human health benefits. Therefore, this Special Issue will publish papers on dairy cow nutrition and feeding, milk quality and safety, and bioactive compounds present in milk and their benefits for human health. It welcomes high-quality interdisciplinary studies pertaining to dairy animal husbandry and milk production. Original research articles and reviews will be accepted.

Guest Editors

Prof. Dr. Jiaqi Wang

Institute of Animal Sciences, Chinese Academy of Agricultural Sciences, Beijing 100193, China

Prof. Dr. Nan Zheng

Milk Research Team, Institute of Animal Sciences, Chinese Academy of Agricultural Sciences, Beijing 100193, China

Deadline for manuscript submissions

25 October 2025



Agriculture

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 6.3



mdpi.com/si/236905

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)