

Special Issue

Antimicrobial Resistance in Farm Animals: Challenges and Solutions

Message from the Guest Editor

A basic human need is access to high-quality, safe food. An important factor in determining food safety is its microbiological status. Hence, limiting the possibility of pathogens and high hygiene standards play key roles in food safety systems. In relation to food of animal origin, we cannot talk about safety without ensuring the health of farm animals, which are the main source of raw materials for food production. The use of antibacterial substances in treatment is of course effective in combating bacterial infections in animals, but we are facing the challenge of fighting the increasing number of multi-resistant pathogens, which unfortunately also pose a threat to human medical procedures. The microbiological monitoring of farm animals and the raw materials obtained from them for food purposes has been realized to be essential in ensuring general safety. I cordially invite researchers and experts in the field of veterinary medicine and food science (mainly of animal origin) to submit their papers. We encourage submissions of original research articles, reviews, and case studies that explore new approaches to food safety and reducing antibiotic resistance.

Guest Editor

Dr. Agnieszka Wiszniewska-Łaszczych

Department of Veterinary Public Health Protection, Faculty of Veterinary Medicine, University of Warmia and Mazury in Olsztyn, Oczapowskiego 14, 10-957 Olsztyn, Poland

Deadline for manuscript submissions

15 December 2025



Agriculture

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 6.3



mdpi.com/si/244394

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)