

## Special Issue

# Modern Technologies in Farm Animal Production: Improving Meat Safety and Nutritional Value

### Message from the Guest Editor

Due to the growing expectations of consumers and meat producers, animal production must constantly evolve and seek new solutions. Nowadays, consumers want meat with high nutritional value and beneficial nutritional qualities, without antibiotics and residues of heavy metals. Future requirements for animal breeders will not only include improvements in efficiency, sustainability, and animal welfare but also in the production of high-quality meat. Thus, both effective technologies and management systems in farm animal production are required. This Special Issue brings together the latest advantages in the development of animal production aimed at obtaining high-quality meat. Contributions related to the influence of environmental factors on meat quality and analyses of the classification and prediction of breeding factors affecting meat's safety and quality are also welcome. We believe this Special Issue will contribute to the promotion of the latest knowledge for a wide audience, both among livestock breeders and scientists.

---

### Guest Editor

Dr. Anna Kononiuk

Institute of Animal Reproduction and Food Research, Polish Academy of Sciences in Olsztyn, 10-683 Olsztyn, Poland

---

### Deadline for manuscript submissions

closed (25 November 2024)



## Agriculture

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.6  
CiteScore 7.8



[mdpi.com/si/204394](https://mdpi.com/si/204394)

*Agriculture*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[agriculture@mdpi.com](mailto:agriculture@mdpi.com)

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





# Agriculture

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.6  
CiteScore 7.8



[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, 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), GEOBASE, PubAg, AGRIS, RePEc, and other databases.

#### Journal Rank:

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