

## Special Issue

# Novel Biotechnological Developments in Agriculture

### Message from the Guest Editors

Biotechnology plays a significant role in agriculture; it is specifically involved in the commercialization and production of genetically engineered crops, in processes and technologies related to food safety and environmental protection, and also in developing technologies related to transgenic and cloned animals. Moreover, the novel technologies applied in food production are heavily dependent on new biotechnological techniques in order to produce better and safer products for human consumption. Under this topic, we aim to publish research related to all aspects of biotechnological technologies involved in agriculture, including those involved in animal production and health, climate change, crop production, food production, and safety. The editors also encourage submissions of research that include molecular aspects of agricultural production systems, such as biotechnology in animal feed production and farm animal gut health, or research related to novel technologies to reduce antibiotic usage in agriculture.

### Guest Editors

Prof. Dr. Nicolae Corcionivoschi

Dr. Teodor Vintila

Prof. Dr. Camelia Tulcan

Dr. Monica Dragomirescu

Dr. Ioan Pet

Dr. Lavinia Ștef

### Deadline for manuscript submissions

closed (15 December 2024)



## Agriculture

an Open Access Journal  
by MDPI

Impact Factor 3.3  
CiteScore 4.9



[mdpi.com/si/140459](https://mdpi.com/si/140459)

*Agriculture*

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 3.3  
CiteScore 4.9



[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, crossdisciplinary and scholarly open access journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. *Agriculture* is published in an open access format – research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the public have unlimited and free access to the content as soon as it is published.

---

### 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)