



## Nutrition, Growth, and Intestinal Health of Monogastric Farm Animals

Guest Editors:

### Dr. Qian Jiang

1. Department of Animal Science and Technology, Hunan Agricultural University, Changsha, China  
2. Chinese Academy of Sciences, Beijing, China

### Dr. Xiaokang Ma

Animal Nutritional Genome and Germplasm Innovation Research Center, College of Animal Science and Technology, Hunan Agricultural University, Changsha 410128, China

### Dr. Yuying Li

Institute of Bast Fiber Crops, Chinese Academy of Agricultural Sciences, Changsha 410205, China

### Message from the Guest Editors

The intestine is one of the most vulnerable organs to oxidative stress and inflammation, which greatly determine the health status and growth performance of monogastric farm animals.

For this Special Issue of *Agriculture*, we invite authors to submit relevant manuscripts (research or review papers) on the nutrition, growth, and intestinal health of monogastric farm animals, namely swine, chicken, and duck. Potential topics include, but are not limited to: (1) the effects of novel functional compounds, nutritional strategy, and feeding technology on growth and intestinal health, and (2) the mechanisms of functional compounds or nutrients underlying the modulation of the intestinal epithelial barrier, microbiota, oxidative stress, and inflammation. We hope that your valuable input will enrich current knowledge and practical approaches to the production of monogastric farm animals.

Deadline for manuscript submissions:  
**closed (5 October 2023)**





an Open Access Journal by MDPI

## 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

## 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.

## 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)

## Contact Us

---

Agriculture Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
www.mdpi.com

mdpi.com/journal/agriculture  
agriculture@mdpi.com  
X@AgricultureMdpi