



## Research Progress in Pig Genetics, Breeding and Reproduction

Guest Editors:

### **Dr. Anna Kasprzyk**

Department of Pig Breeding and Biotechnology, Institute of Animal Breeding and Biodiversity Conservation, University of Life Sciences, Lublin, Poland

### **Dr. Elżbieta Krzęcio Nieczyporuk**

Faculty of Medical and Health Sciences, Siedlce University of Natural Sciences and Humanities, Siedlce, Poland

Deadline for manuscript submissions:

**closed (15 December 2023)**

### **Message from the Guest Editors**

Since domesticated, humans made efforts in selection breeding, genetic improvement and management to improve traits like growth rate, feed conversion, backfat, lean meat and piglets born. Characteristics need improved including piglet survivability, disease resistance and sow longevity. Genetic improvement possible by maintaining variation, innovative breeding and rare breeds. Recently, focus on producing desired pork quality. Essential to focus new selection goals like sustainability, welfare and meat quality. Pig breeding evolving using advancements in computing, biotech and molecular biology. Genetics and genomics tools to increase knowledge. Pleased invite you this Special Issue, to publish quality papers, reviews, communications on topics including: reproductive health, ovulation rate, uterine capacity, fertilization, prenatal and preweaning survival, litter size, birthweight variation, maternal behavior and milk production. Topics may include sow and boar longevity, libido, semen and sperm quality. Welcome papers applying classic and molecular methods to improve production, health, reproduction and meat quality.





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, 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.

## 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)

## 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