



Animal Breeding and Genetics

Guest Editor:

Dr. Hailin Su

Department of Animal Science,
Iowa State University, Ames, IA,
USA

Deadline for manuscript
submissions:

closed (15 April 2019)

Message from the Guest Editor

Dear Colleagues,

It is estimated that 70% more food has to be produced without destroying the environment by 2050, due to the world's expected nine-billion-strong population. Livestock production contributes 40% of the global value of agricultural output and constitutes a very important component of the agricultural economy, while efficient livestock production requires the selection and development of breeds that are well adapted to the specific production environments, to perform sustainable farming and to maintain economic stability. The animal breeding industry, aiming to improve the quantity and quality of livestock production, has been greatly revolutionized by the adoption of Best Linear Unbiased Prediction (BLUP) and the Genomic Selection (GS) technologies, and I am hereby excited to invite researchers to submit manuscripts that address theories or applications of quantitative genetics on animal breeding for this Special Issue.

Dr. Hailin Su

Guest Editor





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 - Q2 (*Plant Science*)

Contact Us

Agriculture Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/agriculture
agriculture@mdpi.com
[X@AgricultureMdpi](https://twitter.com/AgricultureMdpi)