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Advances in Pig Breeding and Genetics

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Deadline for manuscript submissions: closed (25 August 2023)

Message from the Guest Editors

Dear Colleagues,

With various novel technology applications, the genetic improvement of pigs has rapidly progressed over recent decades. Nowadays, more and more economically relevant traits were expanded as breeding goals. Over the past few decades, there has been a rapid development of highthroughput genome and cell molecular biology methods, the processes of identification of genes related to important phenotypic traits and genetic markers for pig selection have been significantly discovered, leading to the development of fast, cost-effective, and more accurate methods for the implementation of breeding programs. For this Special Issue, we call for papers covering all aspects of pig genetics and phenotypes are welcome, especially with a focus on quantitative genetics of new phenotypes, artificial intelligence linking phenotypes, genomic selection, breeding programs, gene polymorphisms, quantitative trait loci mapping, identification of genetic regulatory mechanism and causative mutations affecting economically relevant traits, and the exploitation of native pig genetic resources.



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Message from the Editor-in-Chief

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