



Genetic Diversity and Population Structure of Local Pig Breeds

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Message from the Guest Editors

Dear Colleagues,

In recent years, there has been growing awareness of the importance of local breeds in terms of adaptive traits, as a reservoir of valuable genetic variation with potential for more sustainable added-value oriented pork production.

Molecular DNA markers such as microsatellites, SNPs, CNVs, and retrotransposons are used to investigate the genetic basis of traits, supplying support to phenotypic evaluation and genealogical data analysis. The collection of phenotypic data and different genomic approaches such as high-throughput genome analysis methods and single-nucleotide polymorphism genotyping can be used to investigate the genetic basis of inheritance, QTLs, new phenotypes, genomic selection, and breeding programs.

This Special Issue will focus on recent research or reviews that investigate novel approaches and/or technologies used to identify relevant new phenotypes, as well as implement all aspects of pig genetics and genomics. Research or reviews with a focus on new phenotypes, genomic selection, breeding programs, QTLs, and breed conservation are also welcome.





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Message from the Editor-in-Chief

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