Pig Domestication, Ancestry and Evolution: A Genomic Approach

Guest Editor:

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Deadline for manuscript submissions:
closed (31 August 2022)

Message from the Guest Editor

The impact of domestication on the genetic variability of modern livestock species like pig breeds is widely explored due to the availability of cutting-edge technologies. The genotyping and sequencing technologies have allowed for the application of genomics techniques not only in pig breeding, but also in population genomics studies of this species. Combining genome-wide ancient and modern DNA analysis has provided a powerful new tool for the examination of past populations and migrations.

Investigating demography, admixture between breeds of different origin or ancestors, inbreeding and direct or indirect anthropogenic selection allows us to decode the complex genetic background of this important farm animal.

Interpreting these genetic signatures is a key feature to the deeper understanding of various aspects of the genetics of pigs. The aim of this Special Issue is to provide new insights about the ancestry, evolution, and effects of domestication on shaping modern pig breeds from a genomic point of view. State-of-the-art research and reviews about this topic are greatly encouraged to submit with the purpose of revealing the complex genetic history of this species.

Special Issue

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Message from the Editor-in-Chief

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