Special Issue

Animal Breeding and Genetics

Message from the Guest Editor

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.

Guest Editor

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Deadline for manuscript submissions

closed (15 April 2019)



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Message from the Editor-in-Chief

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