

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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About the Journal

Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

Editor-in-Chief

Prof. Dr. Les Copeland

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