

## Special Issue

# Application of Genetics and Genomics in Livestock Production

### Message from the Guest Editors

The delivery of genome sequences for most livestock species over the past 10–15 years has generated the potential to revolutionise livestock production globally, by providing farmers with the ability to match individual animals to rapidly changing climates, production systems and markets. The technology that has had the greatest impact to date is genomic selection. However, genomic selection also faces ongoing limitations around lack of essential phenotypes, particularly for expensive or difficult-to-measure traits and possibly the need for faster/greater computational capacity. It is therefore timely to examine the impact of genomic technologies generally, and to identify successes and limitations that need to be overcome in order to achieve practical applications for livestock producers in future. This Special Issue therefore invites submissions addressing any of the -omics approaches (including phenomics) with the aim of summarising the successes, failures, limitations and ongoing challenges to deliver technologies that can be directly applied by livestock producers in both developed and developing countries.

### Guest Editors

Prof. Dr. Heather Burrow

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### Deadline for manuscript submissions

closed (15 December 2022)



## Agriculture

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### 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.

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