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Cattle Molecular Immunology

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Deadline for manuscript
submissions:
closed (25 March 2021)

Message from the Guest Editor

Like other agricultural sectors, cattle farming faces the challenge of having to produce more and better-quality food from the same resources (e.g., water, energy) to meet the growing global demand for animal products without increasing the environmental impact. In this context, improving cattle health remains an important issue for ensuring a sustainable livestock sector. To achieve this goal, research is needed to improve our understanding of the bovine immune response. The advent of high-throughput sequencing technologies has facilitated our knowledge of the immune response. As a result, important outcomes are being achieved in the field of -omics research on disease control and immune response in cattle. Therefore, given the recent progress in this area, we believe that this Special Issue will be useful in bringing together those molecular studies that increase our understanding of the immune response to disease in cattle.

We welcome the submission of original research papers and review articles related to advances in molecular studies for monitoring immune response and to better understand host–pathogen interaction in cattle.



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Special Issue



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Editor-in-Chief

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Message from the Editor-in-Chief

Genes are central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fastmoving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised.

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