Genetics of Animal Health and Disease in Livestock

Guest Editor:

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Deadline for manuscript submissions:
closed (30 November 2020)

Message from the Guest Editor

Dear Colleagues,

Livestock diseases adversely affect animal production throughout the world. Although there are some examples of genetic resistance to disease in livestock, disentangling the genetic effects is a compelling task.

Nevertheless, the role of genetics in improving animal health will become increasingly important as the focus on tackling antimicrobial drug resistance increases. This research will result in greatly reduced direct and indirect costs associated with animal disease, maintenance of a secure, and safe food supply; improved animal welfare, production efficiency, and resilience to environmental changes; and reductions in antimicrobial use and improved vaccines or other measures that can mitigate or prevent existing, new, and re-emerging infectious pathogens.

Submissions of original research papers and review articles are welcome related to, but not limited to, advances in genetics for monitoring animal health and understanding host–pathogen interactions, in order to improve animal health and sustainability of livestock production.

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Special Issue

Editor-in-Chief

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Message from the Editor-in-Chief

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