

## Special Issue

# Climate Genomics for Farm Animal Adaptation

### Message from the Guest Editor

Climate change affects livestock welfare and production efficiency. As mean temperatures increase, precipitation patterns are forecast to change, and acute weather-related events are expected to increase in frequency. Feed availability cycles and the endemic range of pathogens and vectors may be altered. Adaptation of livestock production systems to climate change will necessitate modifications in housing, feeding and health care, and matching the animal genetic resources to the environment will also be critical. Genomics will be a powerful tool in the characterization of genetic resources with respect to climate change and for the formulation of strategies for adaptation. Provision of the proper genetics and genomics information to livestock keepers must be based on solid research that has been validated and disseminated widely. Scientists undertaking work on livestock genetics are invited to submit their research to this Special Issue titled “Climate Genomics for Farm Animal Adaptation”: genomics and epigenetics studies pursuing an understanding of the molecular basis of adaptation.

### Guest Editor

Dr. Alessandra Stella

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### Deadline for manuscript submissions

closed (28 February 2023)



## Animals

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### Message from the Editor-in-Chief

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### Editor-in-Chief

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