

Special Issue

Genetic Research for Improving Livestock Heat Stress Resistance

Message from the Guest Editor

The productive performance of farm animals, such as lactation performance, growth rate and reproductive efficiency, is affected by various stresses that regulate physiological processes such as metabolism, growth and immunity in various ways. Exploring the key genes and their molecular mechanisms affecting the physiological processes of metabolism, growth and immunity can help to realize scientific and rational genetic selection, nutritional regulation, environmental management, disease control and hormone balance, which can significantly improve the productivity and economic benefits of farm animals. We encourage you to share new information about any regulations of farm animal stress.

Guest Editor

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Message from the Editor-in-Chief

Animals is an on-line open access journal that was first published in 2011. *Animals* adheres to rigorous peerreview and editorial processes and publishes only high quality manuscripts that address important issues in the many varied disciplines that involve animals, with a focus on animal science, animal welfare and animal ethics. *Animals* is covered in the Science Citation Index Expanded (SCIE) in Web of Science, with the latest Impact Factor: 2.7 (2024, ranks 15/86 (Q1) in 'Agriculture, Dairy & Animal Science'; 21/170 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

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