Special Issue

Climate Change Impact on Blood Biomarkers in Domestic and Production Animals

Message from the Guest Editors

Global temperature trends and weather conditions are showing long-term deviations from historical seasonal average values, and temperatures are predicted to continue to rise in the coming decades. In fact, climate change is widely recognized as one of the most significant challenges facing the planet for both humans and animals. It is increasing the risk of some diseases in domestic animals. Many implications of climate change may be observed and preliminarily recognized through changes in the hematological profile as it serves as an optimal indicator to assess health, production, reproduction and performance and evaluate an animal's physiological adaptability to adverse environmental conditions influencing their productivity and welfare.

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Deadline for manuscript submissions

1 October 2025



an Open Access Journal by MDPI

Impact Factor 2.7 CiteScore 5.2 Indexed in PubMed



mdpi.com/si/228633

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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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