

Special Issue

Correlation between Metabolic Syndrome and Cardiovascular Diseases: A Veterinary Perspective

Message from the Guest Editor

The current Special Issue aims to gather high-quality papers that may contribute to our knowledge of metabolic syndrome in veterinary medicine, focusing on its effects on cardiovascular function. Metabolic syndrome is a multifactorial condition with worldwide prevalence defined by the clustering of several factors including dysglycemia, obesity and high blood pressure that increase the risk of cardiovascular disease and diabetes mellitus type 2. Due to the dissimilarity between species, animal models play a crucial role in better understanding the status of the disease and evaluating the underlying mechanisms involved in its pathophysiology. Based on these premises, I am pleased to invite you to submit original papers, reviews, commentaries, and case reports addressing research and studies on the topic of understanding the biological mechanisms of metabolic syndrome and its cardiac pathological manifestation in animals. Please also note that the connection between the two topics, namely, metabolic syndrome and cardiovascular disease, should be proven using objective experimental data, not only statistics or bibliographic citations.

Guest Editor

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Deadline for manuscript submissions

closed (30 June 2025)



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Impact Factor 2.7
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About the Journal

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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