

## Special Issue

# Inflammation and Thrombosis in Small Animal Cardiovascular Diseases—an Emerging Therapeutic Target

### Message from the Guest Editors

Thrombosis, a life-threatening complication, is a significant cause of morbidity and mortality in cardiovascular disease. Despite this significance, its underlying pathophysiology in small animals is poorly understood. Immunothrombosis functions to limit systemic dissemination of pathogens. The dysregulation of immunothrombosis causes a great deal of collateral damage and is characterized by overzealous activation of platelets, innate immune cells, and the coagulation system coming together in a vicious cycle of thrombosis, tissue ischemia, and excessive inflammation. Rodent models and emerging evidence in human medicine demonstrate that dysregulated immunothrombosis is associated with many cardiovascular diseases. While evidence in veterinary medicine is limited, therapeutic targets of immunothrombosis may hold great promise in preventing thrombotic complications of cardiovascular diseases. This Special Issue presents a collection of state-of-the-art reviews and original research articles, highlighting the interplay between inflammation and coagulation in small animals with cardiovascular diseases.

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### Guest Editors

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### Deadline for manuscript submissions

closed (15 May 2024)



## Animals

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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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### Editor-in-Chief

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