

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.

Guest Editors

Dr. Ronald Li

Department of Surgical and Radiological Sciences, School of Veterinary Medicine, University of California, Davis, CA, USA

Dr. Dana LeVine

Department of Clinical Sciences, College of Veterinary Medicine, Auburn University, Auburn, AL, USA

Deadline for manuscript submissions

closed (15 May 2024)



Animals

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/133095

Animals
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
animals@mdpi.com

[mdpi.com/journal/
animals](https://mdpi.com/journal/animals)





Animals

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 5.2
Indexed in PubMed



[mdpi.com/journal/
animals](https://mdpi.com/journal/animals)



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.

Editor-in-Chief

Prof. Dr. Clive J. C. Phillips

1. Institute of Veterinary Medicine and Animal Sciences, Estonian University of Life Sciences, Kreutzwaldi 1, 51014 Tartu, Estonia
2. Curtin University Sustainability Policy (CUSP) Institute, Kent St., Bentley 6102, Australia

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, PubAg, AGRIS, Animal Science Database, CAB Abstracts, and other databases.

Journal Rank:

JCR - Q1 (Veterinary Sciences) / CiteScore - Q1 (General Veterinary)