Special Issue

Current and Future Advances of Cardiology in Veterinary Research and Clinical Practice

Message from the Guest Editors

Cardiovascular diseases are important cause of death in animals. Veterinary cardiology attracts the attention of many researchers in various veterinary institutions. In the past, this field of research was almost restricted to small animals; however, with the wide expanse of diagnostic facilities, the field has been widened to include various animal species under various physiologic and pathological circumstances. This is because of the introduction of recent diagnostic facilities which can be applied even under adverse conditions. This includes new echocardiographic methods which showed promising results to replace invasive diagnostic approaches, smartphone-based heart function monitoring facilities, biomarkers, and new cardioprotective therapies. In this special issue, original articles, systematic reviews, short communication, and case reports are welcome. Our research topic includes diagnostic techniques, disease models, clinical studies, laboratory markers, invasive methods, and new therapies in the cardiovascular area in laboratory models, companion animals as well as farm animals.

Guest Editors

Prof. Dr. Ryou Tanaka

Department of Veterinary Medicine, Tokyo University of Agriculture and Technology, Tokyo 183-0054, Japan

Prof. Dr. Ahmed S. Mandour

Department of Veterinary Medicine, Tokyo University of Agriculture and Technology, Tokyo 183-0054, Japan

Deadline for manuscript submissions

closed (15 November 2023)



Veterinary Sciences

an Open Access Journal by MDPI

Impact Factor 2.3 CiteScore 3.5 Indexed in PubMed



mdpi.com/si/121581

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

mdpi.com/journal/ vetsci





Veterinary Sciences

an Open Access Journal by MDPI

Impact Factor 2.3 CiteScore 3.5 Indexed in PubMed





About the Journal

Message from the Editor-in-Chief

Veterinary Sciences (ISSN 2306-7381) is an international and interdisciplinary scholarly open access journal that aims at publishing research in all fields of veterinary medicine in a democratic way. We encourage scientists to publish their original research articles, reviews, communications, and short notes in as much detail as possible. Articles submitted that involve subjecting animals to unnecessary pain or suffering will not be accepted, and all articles must be submitted with the necessary ethical approval (please refer to the Ethical Guidelines for more information).

Editor-in-Chief

Prof. Dr. Patrick Butaye

- Department of Pathobiology, Pharmacology and Zoological Medicine, Faculty of Veterinary Medicine, Ghent University, Salisburylaan 133, B9820 Merelbeke, Belgium
- Department of Infectious Diseases and Public Health, Jockey Club College of Veterinary Medicine and Life Sciences, City University of Hong Kong, 31 To Yuen Street, Kowloon, Hong Kong SAR 999077, China

Author Benefits

High visibility:

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

Journal Rank:

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

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 21.1 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).