

Special Issue

Advances in Hematology and Hemorheology in Veterinary Practice and Laboratory Animal Science

Message from the Guest Editor

Veterinary hematology deals with the quantitative and qualitative study of the blood's cellular elements. These investigations help to diagnose and monitor diseases affecting animals. Moreover, due to the development of modern, automatic blood-counting analyzers, this fundamental discipline increasingly contributes to scientific progress. Hemorheology, or blood rheology, is the study of the flow properties of blood and its elements of plasma and cells. Hemorheological values vary widely among animal species. These differences can present an adaptation process to a particular environment or mode of life. Hemorheology is one of today's dynamically developing fields of science, which, in addition to its research service, plays an increasingly important role in clinical diagnostics, both in human medicine and veterinary medicine. In this Special Issue, we invite original research papers, reviews, or studies on hematology and hemorheology regarding everyday veterinary practices and laboratory animal science.

Guest Editor

Dr. Ádám Deák

Általános Orvostudományi Kar, University of Debrecen, Debrecen, Hungary

Deadline for manuscript submissions

31 March 2026



Animals

an Open Access Journal
by MDPI

Impact Factor 2.7
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/21811

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)