

Special Issue

Current Research in Veterinary Hematology

Message from the Guest Editors

Animal hematology relies on the characteristics of blood cell populations, clotting factors, and plasma biochemistry—fundamental parameters for monitoring animal health and welfare. Moreover, using advanced diagnostic tools is becoming increasingly widespread in veterinary medicine. In particular, immunophenotyping of hematological malignancies like lymphoma or leukemia plays a crucial role in determining the course and effectiveness of treatment. The Special Issue focuses on broadly understood studies on blood disorders also in association with other diseases. Additionally, infectious agents can alter blood cell populations and trigger immunological responses. Transfusion medicine and the use of blood products represent rapidly evolving areas with critical importance in veterinary care. Advances in blood banking, component therapy, and compatibility testing improve the safety and efficacy of transfusions, while new protocols for storage and administration help optimize patient outcomes. Moreover, translational medicine bridges veterinary and human hematology by facilitating the exchange of knowledge and techniques, enhancing diagnostic and therapeutic approaches across species.

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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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