

Special Issue

Hematopoietic Stem Cells in Animal Hematology: Insights into Blood Cell Production, Disease Pathogenesis, and Therapeutic Strategies

Message from the Guest Editor

This Special Issue will focus on hematopoietic stem cells (HSCs), particularly their role in hematopoietic disorders and malignancies in veterinary clinical medicine, as well as recent developments in stem cell transplantation and regenerative therapies involving HSCs in veterinary science. This Special Issue will cover a wide range of topics, including HSC development, epigenetic regulation, differentiation, leukemic transformation, and transplantation biology. We welcome submissions of original research articles, reviews, and case reports. The purpose of this Special Issue is to provide a platform for the latest discoveries and emerging trends in hematopoietic stem cell research and to represent a valuable resource for both basic scientists and clinicians working in the field of hematopoiesis in veterinary science.

Guest Editor

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Deadline for manuscript submissions

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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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