

Special Issue

Advances in Comparative Oncology: Naturally Developing Tumors in Animals for Investigating Cancer Biology and Therapy

Message from the Guest Editors

Comparative oncology is a rapidly expanding field of study focusing on naturally developing tumors in animals for increasing knowledge in cancer biology and therapy. Research studies from comparative oncology can integrate scientific findings to better understand the pathobiology of cancer, investigate cancer-associated genes and proteins, and translate these findings into novel therapies to benefit both animals and humans, in a One Health perspective. Thus, the goal of this Special Issue is to synthesize our current knowledge of animal tumors with a comparative oncology approach, and to stimulate interdisciplinary collaborative research efforts aimed at advancing both animal and human health. For this Special Issue, we invite scientists to submit original research articles on any aspect concerning comparative oncology, with particular interest on canine and feline tumors, as a group of naturally occurring malignancies similar in tumor biology and behavior to human cancers. Both biology-based and translational research studies, as well as review articles, are welcome.

Guest Editors

Dr. Marcella Massimini

Prof. Dr. Mariarita Romanucci

Prof. Dr. Leonardo Della Salda

Prof. Dr. Carlos E. Alvarez

Deadline for manuscript submissions

closed (30 June 2025)



Animals

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Impact Factor 2.7
CiteScore 5.2
Indexed in PubMed



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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

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