

## Special Issue

# Advances in Equine Oncology: Causes, Molecular Changes, Clinicopathologic and Treatment

### Message from the Guest Editor

The continuous importance of horses in sport, recreation, or as a workforce in underdeveloped countries has brought about an increasing need to update and expand the knowledge about equine diseases, including cancer. The research on cancer in horses and other equids is substantially less advanced than in other companion animal species. Despite this, neoplasia in equids is a common problem. Currently, advances in molecular biology and DNA sequencing provide an opportunity to determine the molecular profile of any cancer by enabling for the identification of specific mutations that occur in DNA or changes that arise at the epigenome level. Based on this overall picture, targeted treatment or immunotherapy can be applied by matching the molecular profile of the individual's cancer. Therefore, this Special Issue aims to publish original research papers or reviews addressing the molecular mechanisms in tumor initiation, maintenance, and progression in Equidae, taking into account their diagnosis and new treatment methods.

### Guest Editor

Dr. Ewelina Semik-Gurgul

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### Deadline for manuscript submissions

closed (31 January 2025)



## Animals

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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.

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### Editor-in-Chief

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2. Former Foundation Professor of Animal Welfare, University of Queensland and Foundation Director, Centre for Animal Welfare and Ethics, University of Queensland, Brisbane, Australia

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