



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

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Message from the Guest Editor

Dear Colleagues,

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.





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Editor-in-Chief

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Message from the Editor-in-Chief

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