Health Management in Companion Animals: Oncology Perspective

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Message from the Guest Editors

Tumors in companion animals are a big therapeutic problem in veterinary medicine. These animals are exposed to similar environmental factors, living longer and suffering longer from oncological diseases. They are, therefore, very good models for research in human tumors. For example, canine mammary gland tumors (cMGTs) are the most common neoplasms in intact female canines and are viewed as a suitable model for studying human breast cancers. Another example is canine osteosarcoma (OSA), a highly malignant tumor, which is a suitable model for OSA in humans due to similarities in biological behavior, common molecular features, sharing of the same environment, and the relatively high incidence in dogs. Canine lymphoma is also a suitable comparative model for human non-Hodgkin lymphoma.

Research areas may include (but are not limited to) the following: description of research on tumors in companion animals, new diagnostic and therapeutic methods, and connections with human oncology.

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Special Issue

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Message from the Editor-in-Chief

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