

Special Issue

Brain Tumors in Dogs and Cats: New Advances in Clinical, Diagnostic, and Therapeutic Approaches

Message from the Guest Editors

Brain tumors in pets have gained increasing attention in veterinary medicine due to advances in neurology, surgical techniques for removing intracranial masses, and improved animal care. Meanwhile, progress in brain tumor oncology and neuropathology is leading to new therapeutic approaches and histological grading. Ongoing data collection shows promise for an updated classification and grading system that better reflects the biological behavior of these tumors. The aim of this Special Issue is to highlight results from studies conducted worldwide on brain tumors in dogs and cats while fostering high-level discussion in this fascinating field of advanced veterinary medicine. New and reliable diagnostic aspects of imaging or neuropathology, novel strategies to prevent or halt tumor growth, molecular mechanisms defining biological behavior, and parameters for grading and prognostic considerations are suggested as potential areas of investigation to establish stable reference points for the period of innovation and development ahead of us.

We look forward to receiving your contributions.

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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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