

Special Issue

Canine Cancer Immunology and Immunotherapeutic

Message from the Guest Editors

Canine immunotherapeutics in current investigations include monoclonal antibodies that target immune checkpoints and cancer-specific antigens, oncolytic viruses, nonspecific immunomodulators including cytokines and ligands for pattern recognition receptors (PPRs), cancer vaccines, and T cell therapy, such as chimeric antigen receptor (CAR) T cells. Such therapeutic modalities carry the potential to significantly impact treatment protocols for certain canine cancers as well as human cancer in the future. This Special Issue aims to report the current progress in the characterization of canine cancer immune profiles and the development of canine cancer immunotherapeutic strategies and protocols. Research areas may include (but are not limited to) the following: development of diagnostic agents for the recognition of canine cancer-related immune markers, characterization of canine cancer-related immune profiles particularly to guide selection of patients for specific immunotherapeutics, and development and testing of canine cancer immunotherapeutics. We look forward to receiving your contributions.

Guest Editors

Dr. Ellen E. Sparger

Prof. Dr. Steven Dow

Dr. Sita Withers

Deadline for manuscript submissions

closed (15 May 2023)



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About the Journal

Message from the Editor-in-Chief

Veterinary Sciences (ISSN 2306-7381) is an international and interdisciplinary scholarly open access journal that aims at publishing research in all fields of veterinary medicine in a democratic way. We encourage scientists to publish their original research articles, reviews, communications, and short notes in as much detail as possible. Articles submitted that involve subjecting animals to unnecessary pain or suffering will not be accepted, and all articles must be submitted with the necessary ethical approval (please refer to the Ethical Guidelines for more information).

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