

A Role for Dogs in Advancing Cancer Immunotherapy R

Frontiers in Immunology

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Improving human cancer therapy through the evaluation of pet dogs. <i>Nature Reviews Cancer</i> , 2020, 20, 727-742.	28.4	102
2	Tumor Infiltrating Lymphocytes in Pet Rabbit Mammary Carcinomas: A Study with Relevance to Comparative Pathology. <i>Animals</i> , 2020, 10, 1437.	2.3	3
3	The UK Veterinary Immunological Toolbox Website: promoting vaccine research by facilitating communication and removing reagent barriers. <i>Immunology</i> , 2020, 161, 25-27.	4.4	8
4	Predictive modeling for cancer drug discovery using canine models. <i>Expert Opinion on Drug Discovery</i> , 2020, 15, 731-738.	5.0	8
5	Cross-Reactivity and Functionality of Approved Human Immune Checkpoint Blockers in Dogs. <i>Cancers</i> , 2021, 13, 785.	3.7	15
6	From Conventional to Precision Therapy in Canine Mammary Cancer: A Comprehensive Review. <i>Frontiers in Veterinary Science</i> , 2021, 8, 623800.	2.2	49
7	Translational oncotargets for immunotherapy: From pet dogs to humans. <i>Advanced Drug Delivery Reviews</i> , 2021, 172, 296-313.	13.7	9
8	Man's best friend in life and death: scientific perspectives and challenges of dog brain banking. <i>GeroScience</i> , 2021, 43, 1653-1668.	4.6	12
9	Increased tumor-infiltrating lymphocyte density is associated with favorable outcomes in a comparative study of canine histiocytic sarcoma. <i>Cancer Immunology, Immunotherapy</i> , 2022, 71, 807-818.	4.2	8
10	Model Selection for the Preclinical Development of New Drug-Radiotherapy Combinations. <i>Clinical Oncology</i> , 2021, 33, 694-704.	1.4	2
11	Immunotherapy for Dogs: Still Running Behind Humans. <i>Frontiers in Immunology</i> , 2021, 12, 665784.	4.8	14
12	Canine tumor mutational burden is correlated with TP53 mutation across tumor types and breeds. <i>Nature Communications</i> , 2021, 12, 4670.	12.8	31
13	Canine Comparative Oncology for Translational Radiation Research. <i>International Journal of Radiation Biology</i> , 2021, , 1-16.	1.8	7
14	Response of Canine Soft Tissue Sarcoma to Stereotactic Body Radiotherapy. <i>Radiation Research</i> , 2021, 196, 587-601.	1.5	6
15	Nanobody-based CTLA4 inhibitors for immune checkpoint blockade therapy of canine cancer patients. <i>Scientific Reports</i> , 2021, 11, 20763.	3.3	10
16	Comparative Cancer Cell Signaling in Muscle-Invasive Urothelial Carcinoma of the Bladder in Dogs and Humans. <i>Biomedicines</i> , 2021, 9, 1472.	3.2	7
17	Animal Models in Toxicologic Research: Dog. , 2022, , 721-750.		1
18	Early immunohistochemical detection of pulmonary micrometastases in dogs with osteosarcoma. <i>Acta Veterinaria Scandinavica</i> , 2021, 63, 41.	1.6	2

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19	Development of a fully canine anti-canine CTLA4 monoclonal antibody for comparative translational research in dogs with spontaneous tumors. <i>MABs</i> , 2021, 13, 2004638.	5.2	15
20	Canine Melanoma and Osteosarcoma Immunotherapy by Means of In Vivo DNA Electroporation. , 2021, , 277-304.		0
21	Cancer-Immunity Cycle and Therapeutic Interventions- Opportunities for Including Pet Dogs With Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 773420.	2.8	10
22	T Cell Immune Profiles of Blood and Tumor in Dogs Diagnosed With Malignant Melanoma. <i>Frontiers in Veterinary Science</i> , 2021, 8, 772932.	2.2	4
23	Evaluation of lymphocyte-specific programmed cell death protein 1 receptor expression and cytokines in blood and urine in canine urothelial carcinoma patients. <i>Veterinary and Comparative Oncology</i> , 2022, 20, 427-436.	1.8	4
24	Evaluation of PD-1 and PD-L1 expression in canine urothelial carcinoma cell lines. <i>Veterinary Immunology and Immunopathology</i> , 2022, 243, 110367.	1.2	10
25	Immunotherapy for Dogs: Still Running Behind Humans. <i>Annals of Veterinary Science</i> , 0, , 1-9.	0.0	0
26	Immunologic Effects of Stereotactic Body Radiotherapy in Dogs with Spontaneous Tumors and the Impact of Intratumoral OX40/TLR Agonist Immunotherapy. <i>International Journal of Molecular Sciences</i> , 2022, 23, 826.	4.1	5
27	Canine transmissible venereal tumour established in immunodeficient mice reprograms the gene expression profiles associated with a favourable tumour microenvironment to enable cancer malignancy. <i>BMC Veterinary Research</i> , 2022, 18, 4.	1.9	2
28	Canine Melanoma Immunology and Immunotherapy: Relevance of Translational Research. <i>Frontiers in Veterinary Science</i> , 2022, 9, 803093.	2.2	4
29	Neoadjuvant in situ vaccination with cowpea mosaic virus as a novel therapy against canine inflammatory mammary cancer. , 2022, 10, e004044.		19
30	A high intensity focused ultrasound system for veterinary oncology applications. <i>Journal of Medical Ultrasound</i> , 2021, 29, 195.	0.4	3
31	Development and characterization of a novel mouse anti-canine oncostatin M receptor beta monoclonal antibody. <i>Biochemical and Biophysical Research Communications</i> , 2022, 614, 114-119.	2.1	1
32	Defucosylated Anti-Epidermal Growth Factor Receptor Monoclonal Antibody Exerted Antitumor Activities in Mouse Xenograft Models of Canine Mammary Gland Tumor. <i>Monoclonal Antibodies in Immunodiagnosis and Immunotherapy</i> , 2022, 41, 142-149.	1.6	4
33	Local tumour nanoparticle thermal therapy: A promising immunomodulatory treatment for canine cancer. <i>Veterinary and Comparative Oncology</i> , 2022, 20, 752-766.	1.8	2
34	Engineering and studying syngeneic animal tumors and Large animal endogenous tumor models. , 2022, , 1-18.		0
35	Dog-human translational genomics: state of the art and genomic resources. <i>Journal of Applied Genetics</i> , 2022, 63, 703-716.	1.9	5
36	Targeting vasoactive intestinal peptide-mediated signaling enhances response to immune checkpoint therapy in pancreatic ductal adenocarcinoma. <i>Nature Communications</i> , 2022, 13, .	12.8	9

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37	Comparative Evaluation of Tumor-Infiltrating Lymphocytes in Companion Animals: Immuno-Oncology as a Relevant Translational Model for Cancer Therapy. <i>Cancers</i> , 2022, 14, 5008.	3.7	5
39	A Kmer-based paired-end read de novo assembler and genotyper for canine MHC class I genotyping. <i>IScience</i> , 2023, 26, 105996.	4.1	3
40	Canine oral squamous cell carcinoma as a spontaneous, translational model for radiation and immunology research. <i>Frontiers in Oncology</i> , 0, 12, .	2.8	2
41	Engineering and Studying Syngeneic Animal Tumors and Large Animal Endogenous Tumor Models. , 2023, , 485-502.		0
43	Collagen-Anchored Interleukin-2 and Interleukin-12 Safely Reprogram the Tumor Microenvironment in Canine Soft-Tissue Sarcomas. <i>Clinical Cancer Research</i> , 2023, 29, 2110-2122.	7.0	3
44	Bridging clinic and wildlife care with AI-powered pan-species computational pathology. <i>Nature Communications</i> , 2023, 14, .	12.8	1
45	Development of HPV16 mouse and dog models for more accurate prediction of human vaccine efficacy. <i>Laboratory Animal Research</i> , 2023, 39, .	2.5	0
46	Shared hotspot mutations in oncogenes position dogs as an unparalleled comparative model for precision therapeutics. <i>Scientific Reports</i> , 2023, 13, .	3.3	2
47	Spatiotemporally programming cytokine immunotherapies through protein engineering. <i>Immunological Reviews</i> , 2023, 320, 10-28.	6.0	3
48	Vaccination against Extracellular Vimentin for Treatment of Urothelial Cancer of the Bladder in Client-Owned Dogs. <i>Cancers</i> , 2023, 15, 3958.	3.7	2
50	Transcriptional profiling of canine osteosarcoma identifies prognostic gene expression signatures with translational value for humans. <i>Communications Biology</i> , 2023, 6, .	4.4	2
51	Neoadjuvant Intratumoral Immunotherapy with Cowpea Mosaic Virus Induces Local and Systemic Antitumor Efficacy in Canine Mammary Cancer Patients. <i>Cells</i> , 2023, 12, 2241.	4.1	2
52	A Phase 2, Single-Arm, Open-Label Clinical Trial on Adjuvant Peptide-Based Vaccination in Dogs with Aggressive Hemangiosarcoma Undergoing Surgery and Chemotherapy. <i>Cancers</i> , 2023, 15, 4209.	3.7	0
53	Transcriptomics of Canine Inflammatory Mammary Cancer Treated with Empty Cowpea Mosaic Virus Implicates Neutrophils in Anti-Tumor Immunity. <i>International Journal of Molecular Sciences</i> , 2023, 24, 14034.	4.1	1
54	Human basal-like breast cancer is represented by one of the two mammary tumor subtypes in dogs. <i>Breast Cancer Research</i> , 2023, 25, .	5.0	2
55	Missing a "Missing Self" Mechanism: Modeling and Detection of Ly49 Expression in Canine NK Cells. <i>ImmunoHorizons</i> , 2023, 7, 760-770.	1.8	0
56	A review of the development of histotripsy for extremity tumor ablation with a canine comparative oncology model to inform human treatments. <i>International Journal of Hyperthermia</i> , 2023, 40, .	2.5	1
57	Influence of age and breed of dogs on tumour development. <i>Scientific Horizons</i> , 2023, 26, 29-38.	0.6	0

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58	Direct comparison of canine and human immune responses using transcriptomic and functional analyses. Scientific Reports, 2024, 14, .	3.3	0