

2008 Peer-Reviewed Publications from AKC Canine Health Foundation Funding



Year of Publication	CHF Grant ID	Institution/Principal Investigator	APA Citation
2008	0002	Fred Hutchinson Cancer Research Center; Ostrander, Elaine	Spady, T. C., & Ostrander, E. A. (2008). Canine behavioral genetics: pointing out the phenotypes and herding up the genes. <i>Am J Hum Genet</i> , 82(1), 10-18. doi:10.1016/j.ajhg.2007.12.001
2008	0002	Fred Hutchinson Cancer Research Center; Ostrander, Elaine	Sutter, N. B., Mosher, D. S., Gray, M. M., & Ostrander, E. A. (2008). Morphometrics within dog breeds are highly reproducible and dispute Rensch's rule. <i>Mamm Genome</i> , 19(10-12), 713-723. doi:10.1007/s00335-008-9153-6
2008	0003	Texas A&M University; Lees, George	Bell, R. J., Lees, G. E., & Murphy, K. E. (2008). X chromosome inactivation patterns in normal and X-linked hereditary nephropathy carrier dogs. <i>Cytogenet Genome Res</i> , 122(1), 37-40. doi:10.1159/000151314
2008	0007	University of Pennsylvania; Henthorn, Paula	Bannasch, D., & Henthorn, P. S. (2009). Changing paradigms in diagnosis of inherited defects associated with urolithiasis. <i>Vet Clin North Am Small Anim Pract</i> , 39(1), 111-125. doi:10.1016/j.cvsm.2008.09.006
2008	0040	Texas A&M University; Modiano, Jaime	Breen, M., & Modiano, J. F. (2008). Evolutionarily conserved cytogenetic changes in hematological malignancies of dogs and humans--man and his best friend share more than companionship. <i>Chromosome Res</i> , 16(1), 145-154. doi:10.1007/s10577-007-1212-4
2008	0065	Fred Hutchinson Cancer Research Center; Ostrander, Elaine	Hitte, C., Kirkness, E. F., Ostrander, E. A., & Galibert, F. (2008). Survey sequencing and radiation hybrid mapping to construct comparative maps. <i>Methods Mol Biol</i> , 422, 65-77. doi:10.1007/978-1-59745-581-7_5
2008	0066	CNRS - University of Rennes; Galibert, Francis	Galibert, F., & Andre, C. (2008). The dog: A powerful model for studying genotype-phenotype relationships. <i>Comp Biochem Physiol Part D Genomics Proteomics</i> , 3(1), 67-77. doi:10.1016/j.cbd.2007.06.001
2008	0127	University of California, Davis; Oberbauer, Anita	Oberbauer, A. M., Hollingsworth, S. R., Belanger, J. M., Regan, K. R., & Famula, T. R. (2008). Inheritance of cataracts and primary lens luxation in Jack Russell Terriers. <i>Am J Vet Res</i> , 69(2), 222-227. doi:10.2460/ajvr.69.2.222
2008	0163	University of Pennsylvania; Otto, Cynthia	Fitzgerald, S. D., Rumbelha, W. K., Emmett Braselton, W., Downend, A. B., & Otto, C. M. (2008). Pathology and toxicology findings for search-and-rescue dogs deployed to the September 11, 2001, terrorist attack sites: initial five-year surveillance. <i>J Vet Diagn Invest</i> , 20(4), 477-484. doi:10.1177/104063870802000410
2008	0164	The Animal Medical Center; Fox, Philip	Fox, P. R., Puschner, B., & Ebel, J. G. (2008). Assessment of acute injuries, exposure to environmental toxins, and five-year health surveillance of New York Police Department working dogs following the September 11, 2001, World Trade Center terrorist attack. <i>J Am Vet Med Assoc</i> , 233(1), 48-59. doi:10.2460/javma.233.1.48
2008	0171	University of Pennsylvania; Serpell, James	Duffy, D. L., Hsu, Y., & Serpell, J. A. (2008). Breed differences in canine aggression. <i>Applied Animal Behaviour Science</i> , 114(3-4), 441-460. doi:10.1016/j.applanim.2008.04.006
2008	0194	North Carolina State University; Breen, Matthew	Breen, M. (2008). Canine cytogenetics--from band to basepair. <i>Cytogenet Genome Res</i> , 120(1-2), 50-60. doi:10.1159/000118740
2008	0237	North Carolina State University; Breitschwerdt, Edward	Duncan, A. W., Marr, H. S., Birkenheuer, A. J., Maggi, R. G., Williams, L. E., Correa, M. T., & Breitschwerdt, E. B. (2008). Bartonella DNA in the blood and lymph nodes of Golden Retrievers with lymphoma and in healthy controls. <i>J Vet Intern Med</i> , 22(1), 89-95. doi:10.1111/j.1939-1676.2007.0018.x

2008	0352	University of Minnesota; Mickelson, James	Taylor, K. H., Smith, A. N., Higginbotham, M., Schwartz, D. D., Carpenter, D. M., & Whitley, E. M. (2007). Expression of vascular endothelial growth factor in canine oral malignant melanoma. <i>Vet Comp Oncol</i> , 5(4), 208-218. doi:10.1111/j.1476-5829.2007.00130.x
2008	0373	Broad Institute; Lindblad-Toh, Kerstin	Karlsson, E. K., & Lindblad-Toh, K. (2008). Leader of the pack: gene mapping in dogs and other model organisms. <i>Nat Rev Genet</i> , 9(9), 713-725. doi:10.1038/nrg2382
2008	0403	North Carolina State University; Breen, Matthew	Thomas, R., Duke, S. E., Karlsson, E. K., Evans, A., Ellis, P., Lindblad-Toh, K., . . . Breen, M. (2008). A genome assembly-integrated dog 1 Mb BAC microarray: a cytogenetic resource for canine cancer studies and comparative genomic analysis. <i>Cytogenet Genome Res</i> , 122(2), 110-121. doi:10.1159/000163088
2008	0457	North Carolina State University; Birkenheuer, Adam	Hawkins, E. C., Johnson, L. R., Guptill, L., Marr, H. S., Breitschwerdt, E. B., & Birkenheuer, A. J. (2008). Failure to identify an association between serologic or molecular evidence of Bartonella infection and idiopathic rhinitis in dogs. <i>J Am Vet Med Assoc</i> , 233(4), 597-599.
2008	0595	University of Edinburgh; Argyle, David	Lund, J. R., Paoloni, M., Kurzman, I., Padilla, M., & Argyle, D. J. (2008). Inhibition of canine telomerase in vitro and in vivo using RNAi: further development of a natural canine model for telomerase-based cancer therapies. <i>Vet J</i> , 177(2), 192-197. doi:10.1016/j.tvjl.2007.09.015
2008	0683	University of Guelph; Wood, Darren	Burgess, H., & Wood, D. (2008). Validation of a von Willebrand factor antigen enzyme-linked immunosorbent assay and newly developed collagen-binding assay. <i>Can J Vet Res</i> , 72(5), 420-427.
2008	0709	University of Missouri, Columbia; O'Brien, Dennis	Chen, X., Johnson, G. S., Schnabel, R. D., Taylor, J. F., Johnson, G. C., Parker, H. G., . . . O'Brien, D. P. (2008). A neonatal encephalopathy with seizures in standard poodle dogs with a missense mutation in the canine ortholog of ATF2. <i>Neurogenetics</i> , 9(1), 41-49. doi:10.1007/s10048-007-0112-2
2008	0732	University of Missouri, Columbia; Katz, Martin	O'Brien, D. P., & Katz, M. L. (2008). Neuronal ceroid lipofuscinosis in 3 Australian shepherd littermates. <i>J Vet Intern Med</i> , 22(2), 472-475. doi:10.1111/j.1939-1676.2008.0079.x
2008	0752	University of Washington; Akey, Joshua	Mealey, K. L., Jabbes, M., Spencer, E., & Akey, J. M. (2008). Differential expression of CYP3A12 and CYP3A26 mRNAs in canine liver and intestine. <i>Xenobiotica</i> , 38(10), 1305-1312. doi:10.1080/00498250802446146
2008	0755	National Human Genome Research Institute; Ostrander, Elaine	Fleischer, S., Sharkey, M., Mealey, K., Ostrander, E. A., & Martinez, M. (2008). Pharmacogenetic and metabolic differences between dog breeds: their impact on canine medicine and the use of the dog as a preclinical animal model. <i>AAPS J</i> , 10(1), 110-119. doi:10.1208/s12248-008-9011-1
2008	0799	Iowa State University; Petersen, Christine	Gibson-Corley, K. N., Hostetter, J. M., Hostetter, S. J., Mullin, K., Ramer-Tait, A. E., Boggiatto, P. M., & Petersen, C. A. (2008). Disseminated Leishmania infantum infection in two sibling foxhounds due to possible vertical transmission. <i>The Canadian Veterinary Journal</i> , 49(10), 1005.
2008	0803	University of Bern; Burgener, Iwan	Burgener, I. A., Konig, A., Allenspach, K., Sauter, S. N., Boisclair, J., Doherr, M. G., & Jungi, T. W. (2008). Upregulation of toll-like receptors in chronic enteropathies in dogs. <i>J Vet Intern Med</i> , 22(3), 553-560. doi:10.1111/j.1939-1676.2008.0093.x
2008	0812	University of Bern; Leeb, Tosso	Mausberg, E.-M., Drögemüller, C., Dolf, G., Rüfenacht, S., Welle, M., & Leeb, T. (2008). Exclusion of patched homolog 2 (PTCH2) as a candidate gene for alopecia X in Pomeranians and Keeshonden. <i>In: British Medical Journal Publishing Group.</i>

2008	0815	Washington State University; Meurs, Kathryn	Baumwart, R. D., & Meurs, K. M. (2008). An index of myocardial performance applied to the right ventricle of Boxers with arrhythmogenic right ventricular cardiomyopathy. <i>Am J Vet Res</i> , 69(8), 1029-1033. doi:10.2460/ajvr.69.8.1029
2008	0815	Washington State University; Meurs, Kathryn	Oyama, M. A., Reiken, S., Lehnart, S. E., Chittur, S. V., Meurs, K. M., Stern, J., & Marks, A. R. (2008). Arrhythmogenic right ventricular cardiomyopathy in Boxer dogs is associated with calstabin2 deficiency. <i>J Vet Cardiol</i> , 10(1), 1-10. doi:10.1016/j.jvc.2008.04.003
2008	0833	Louisiana State University; Lopez, Mandi	Vasanjee, S. C., Paulsen, D., Hosgood, G., Robinson, S. O., & Lopez, M. J. (2008). Characterization of normal canine anterior cruciate ligament-associated synoviocytes. <i>J Orthop Res</i> , 26(6), 809-815. doi:10.1002/jor.20552
2008	0960	University of Alberta; Mason, Andrew	Coronado, V. A., O'Neill, B., Nanji, M., & Cox, D. W. (2008). Polymorphisms in canine ATP7B: candidate modifier of copper toxicosis in the Bedlington terrier. <i>Vet J</i> , 177(2), 293-296. doi:10.1016/j.tvjl.2007.04.012
2008	1216	Indiana University East; Greer, Kimberly	Levine, J. M., Fosgate, G. T., Porter, B., Schatzberg, S. J., & Greer, K. (2008). Epidemiology of necrotizing meningoencephalitis in Pug dogs. <i>J Vet Intern Med</i> , 22(4), 961-968. doi:10.1111/j.1939-1676.2008.0137.x