

2007 Peer-Reviewed Publications from AKC Canine Health Foundation Funding



Year of Publication	CHF Grant ID	Institution/Principal Investigator	APA Citation
2007	0003	Texas A&M University; Lees, George	Davidson, A. G., Bell, R. J., Lees, G. E., Kashtan, C. E., Davidson, G. S., & Murphy, K. E. (2007). Genetic cause of autosomal recessive hereditary nephropathy in the English Cocker Spaniel. <i>J Vet Intern Med</i> , 21(3), 394-401.
2007	0018	Florida State University; Licht, Barbara	Licht, B. G., Lin, S., Luo, Y., Hyson, L. L., Licht, M. H., Harper, K. M., . . . Johnston, E. V. (2007). Clinical characteristics and mode of inheritance of familial focal seizures in Standard Poodles. <i>J Am Vet Med Assoc</i> , 231(10), 1520-1528. doi:10.2460/javma.231.10.1520
2007	0040	Texas A&M University; Modiano, Jaime	Fosmire, S. P., Thomas, R., Jubala, C. M., Wojcieszyn, J. W., Valli, V. E., Getzy, D. M., . . . Modiano, J. F. (2007). Inactivation of the p16 cyclin-dependent kinase inhibitor in high-grade canine non-Hodgkin's T-cell lymphoma. <i>Vet Pathol</i> , 44(4), 467-478. doi:10.1354/vp.44-4-467
2007	0065	Fred Hutchinson Cancer Research Center; Ostrander, Elaine	Sargan, D. R., Aguirre-Hernandez, J., Galibert, F., & Ostrander, E. A. (2007). An extended microsatellite set for linkage mapping in the domestic dog. <i>J Hered</i> , 98(3), 221-231. doi:10.1093/jhered/esm006
2007	0065	Fred Hutchinson Cancer Research Center; Ostrander, Elaine	Sutter, N. B., Bustamante, C. D., Chase, K., Gray, M. M., Zhao, K., Zhu, L., . . . Ostrander, E. A. (2007). A single IGF1 allele is a major determinant of small size in dogs. <i>Science</i> , 316(5821), 112-115. doi:10.1126/science.1137045
2007	0098	University of Wisconsin, Madison; Helfand, Stuart	Lin, P. Y., Fosmire, S. P., Park, S. H., Park, J. Y., Baksh, S., Modiano, J. F., & Weiss, R. H. (2007). Attenuation of PTEN increases p21 stability and cytosolic localization in kidney cancer cells: a potential mechanism of apoptosis resistance. <i>Mol Cancer</i> , 6, 16. doi:10.1186/1476-4598-6-16
2007	0119	North Carolina State University; Breen, Matthew	Thomas, R., Duke, S. E., Bloom, S. K., Breen, T. E., Young, A. C., Feiste, E., . . . Breen, M. (2007). A cytogenetically characterized, genome-anchored 10-Mb BAC set and CGH array for the domestic dog. <i>J Hered</i> , 98(5), 474-484. doi:10.1093/jhered/esm053
2007	0167	University of Wisconsin, Madison; Muir, Peter	Muir, P., Manley, P. A., & Hao, Z. (2007). COL-3 inhibition of collagen fragmentation in ruptured cranial cruciate ligament explants from dogs with stifle arthritis. <i>Vet J</i> , 174(2), 403-406. doi:10.1016/j.tvjl.2006.07.007
2007	0168	Washington State University; Fransson, Boel	Fransson, B. A., Lagerstedt, A.-S., Bergstrom, A., Hagman, R., Park, J. S., Chew, B. P., . . . Ragle, C. A. (2007). C-reactive protein, tumor necrosis factor α , and interleukin-6 in dogs with pyometra and SIRS. <i>J Vet Emerg Crit Care</i> , 17(4), 373-381. doi:10.1111/j.1476-4431.2006.00203.x
2007	0170	University of Georgia; Ferguson, Duncan	Ferguson, D. C. (2007). Testing for hypothyroidism in dogs. <i>Vet Clin North Am Small Anim Pract</i> , 37(4), 647-669, v. doi:10.1016/j.cvsm.2007.05.015
2007	0194	North Carolina State University; Breen, Matthew	Modiano, J. F., Breen, M., Valli, V. E., Wojcieszyn, J. W., & Cutter, G. R. (2007). Predictive value of p16 or Rb inactivation in a model of naturally occurring canine non-Hodgkin's lymphoma. <i>Leukemia</i> , 21(1), 184-187. doi:10.1038/sj.leu.2404392
2007	0198	University of Missouri, Columbia; Katz, Martin	Katz, M. L., Sanders, D. N., Mooney, B. P., & Johnson, G. S. (2007). Accumulation of glial fibrillary acidic protein and histone H4 in brain storage bodies of Tibetan terriers with hereditary neuronal ceroid lipofuscinosis. <i>J Inherit Metab Dis</i> , 30(6), 952-963. doi:10.1007/s10545-007-0683-y
2007	0237	North Carolina State University; Breitschwerdt, Edward	Duncan, A. W., Maggi, R. G., & Breitschwerdt, E. B. (2007). Bartonella DNA in dog saliva. <i>Emerg Infect Dis</i> , 13(12), 1948-1950. doi:10.3201/eid1312.070653

2007	0272	Ohio State University; Kisseberth, William	Kisseberth, W. C., Nadella, M. V., Breen, M., Thomas, R., Duke, S. E., Murahari, S., . . . Rosol, T. J. (2007). A novel canine lymphoma cell line: a translational and comparative model for lymphoma research. <i>Leuk Res</i> , 31(12), 1709-1720. doi:10.1016/j.leukres.2007.04.003
2007	0326	University of Saskatchewan; Schmutz, Sheila	Schmutz, S. M., & Berryere, T. G. (2007). Genes affecting coat colour and pattern in domestic dogs: a review. <i>Anim Genet</i> , 38(6), 539-549. doi:10.1111/j.1365-2052.2007.01664.x
2007	0329	Texas A&M University; Murphy, Keith	Starr, A. N., Famula, T. R., Markward, N. J., Baldwin, J. V., Fowler, K. D., Klumb, D. E., . . . Murphy, K. E. (2007). Hereditary evaluation of multiple developmental abnormalities in the Havanese dog breed. <i>J Hered</i> , 98(5), 510-517. doi:10.1093/jhered/esm049
2007	0332	University of Alaska, Fairbanks; Happ, George	Kennedy, L. J., Barnes, A., Short, A., Brown, J. J., Seddon, J., Fleeman, L., . . . Ollier, W. E. (2007). Canine DLA diversity: 3. Disease studies. <i>Tissue Antigens</i> , 69 Suppl 1, 292-296. doi:10.1111/j.1399-0039.2006.00781.x
2007	0339	Auburn University; Taylor, Kathryn	Frank, L. A., Donnell, R. L., & Kania, S. A. (2006). Oestrogen receptor evaluation in Pomeranian dogs with hair cycle arrest (alopecia X) on melatonin supplementation. <i>Vet Dermatol</i> , 17(4), 252-258. doi:10.1111/j.1365-3164.2006.00520.x
2007	0373	Broad Institute; Lindblad- Toh, Kerstin	Karlsson, E. K., Baranowska, I., Wade, C. M., Salmon Hillbertz, N. H., Zody, M. C., Anderson, N., . . . Lindblad-Toh, K. (2007). Efficient mapping of mendelian traits in dogs through genome-wide association. <i>Nat Genet</i> , 39(11), 1321-1328. doi:10.1038/ng.2007.10
2007	0373	Broad Institute; Lindblad- Toh, Kerstin	Salmon Hillbertz, N. H., Isaksson, M., Karlsson, E. K., Hellmen, E., Pielberg, G. R., Savolainen, P., . . . Andersson, G. (2007). Duplication of FGF3, FGF4, FGF19 and ORAOV1 causes hair ridge and predisposition to dermoid sinus in Ridgeback dogs. <i>Nat Genet</i> , 39(11), 1318-1320. doi:10.1038/ng.2007.4
2007	0567	University of Cambridge; Sargan, David	Sargan, D. R., Withers, D., Pettitt, L., Squire, M., Gould, D. J., & Mellersh, C. S. (2007). Mapping the mutation causing lens luxation in several terrier breeds. <i>J Hered</i> , 98(5), 534-538. doi:10.1093/jhered/esm029
2007	0584	University of Georgia; Grider, Arthur	Grider, A., Mouat, M. F., Mauldin, E. A., & Casal, M. L. (2007). Analysis of the liver soluble proteome from bull terriers affected with inherited lethal acrodermatitis. <i>Mol Genet Metab</i> , 92(3), 249-257. doi:10.1016/j.ymgme.2007.07.003
2007	0652	University of California, Davis; Chomel, Bruno	Henn, J. B., Gabriel, M. W., Kasten, R. W., Brown, R. N., Theis, J. H., Foley, J. E., & Chomel, B. B. (2007). Gray foxes (<i>Urocyon cinereoargenteus</i>) as a potential reservoir of a <i>Bartonella clarridgeiae</i> -like bacterium and domestic dogs as part of a sentinel system for surveillance of zoonotic arthropod-borne pathogens in northern California. <i>J Clin Microbiol</i> , 45(8), 2411-2418. doi:10.1128/JCM.02539-06
2007	0667	University of Minnesota; Root Kustritz, Margaret	Kustritz, M. V., & Hess, M. (2007). Effect of administration of prostaglandin F2alpha or presence of an estrous teaser bitch on characteristics of the canine ejaculate. <i>Theriogenology</i> , 67(2), 255-258. doi:10.1016/j.theriogenology.2006.07.009
2007	0685	North Carolina State University; Hammerberg, Bruce	Orton, S. M., Arasu, P., & Hammerberg, B. (2007). A novel gene from <i>Brugia</i> sp. that encodes a cytotoxic fatty acid binding protein allergen recognized by canine monoclonal IgE and serum IgE from infected dogs. <i>J Parasitol</i> , 93(6), 1378-1387. doi:10.1645/GE-1217.1
2007	0696	University of Tennessee; Echandi, Rita	Sura, P. A., Tobias, K. M., Morandi, F., Daniel, G. B., & Echandi, R. L. (2007). Comparison of 99mTcO4(-) trans-splenic portal scintigraphy with per-rectal portal scintigraphy for diagnosis of portosystemic shunts in dogs. <i>Vet Surg</i> , 36(7), 654-660. doi:10.1111/j.1532-950X.2007.00317.x

2007	0710	Ohio State University; London, Cheryl	Romansik, E. M., Reilly, C. M., Kass, P. H., Moore, P. F., & London, C. A. (2007). Mitotic index is predictive for survival for canine cutaneous mast cell tumors. <i>Vet Pathol</i> , 44(3), 335-341. doi:10.1354/vp.44-3-335
2007	0741	University of Wisconsin, Madison; Muir, Peter	Muir, P., Oldenhoff, W. E., Hudson, A. P., Manley, P. A., Schaefer, S. L., Markel, M. D., & Hao, Z. (2007). Detection of DNA from a range of bacterial species in the knee joints of dogs with inflammatory knee arthritis and associated degenerative anterior cruciate ligament rupture. <i>Microb Pathog</i> , 42(2-3), 47-55. doi:10.1016/j.micpath.2006.10.002
2007	0755	National Human Genome Research Institute; Ostrander, Elaine	Cadieu, E., & Ostrander, E. A. (2007). Canine genetics offers new mechanisms for the study of human cancer. <i>Cancer Epidemiol Biomarkers Prev</i> , 16(11), 2181-2183. doi:10.1158/1055-9965.EPI-07-2667
2007	0755	National Human Genome Research Institute; Ostrander, Elaine	Quignon, P., Herbin, L., Cadieu, E., Kirkness, E. F., Hedan, B., Mosher, D. S., . . . Hitte, C. (2007). Canine population structure: assessment and impact of intra-breed stratification on SNP-based association studies. <i>PLoS One</i> , 2(12), e1324. doi:10.1371/journal.pone.0001324
2007	0755	National Human Genome Research Institute; Ostrander, Elaine	Wayne, R. K., & Ostrander, E. A. (2007). Lessons learned from the dog genome. <i>Trends Genet</i> , 23(11), 557-567. doi:10.1016/j.tig.2007.08.013
2007	0812	University of Bern; Leeb, Tosso	Mausberg, E. M., Drogemuller, C., Leeb, T., Dolf, G., Rufenacht, S., & Welle, M. (2007). Evaluation of the CTSL2 gene as a candidate gene for alopecia X in Pomeranians and Keeshonden. <i>Anim Biotechnol</i> , 18(4), 291-296. doi:10.1080/10495390701547461
2007	0815	Washington State University; Meurs, Kathryn	Baumwart, R. D., Orvalho, J., & Meurs, K. M. (2007). Evaluation of serum cardiac troponin I concentration in Boxers with arrhythmogenic right ventricular cardiomyopathy. <i>Am J Vet Res</i> , 68(5), 524-528. doi:10.2460/ajvr.68.5.524
2007	0821	University of Missouri, Columbia; Coates, Joan	Coates, J. R., March, P. A., Oglesbee, M., Ruaux, C. G., Olby, N. J., Berghaus, R. D., . . . Williams, D. A. (2007). Clinical characterization of a familial degenerative myelopathy in Pembroke Welsh Corgi dogs. <i>J Vet Intern Med</i> , 21(6), 1323-1331.
2007	0878	Texas A&M University; Tsai, Kate	Boggs, R. M., Moody, J. A., Long, C. R., Tsai, K. L., & Murphy, K. E. (2007). Identification, amplification and characterization of miR-17-92 from canine tissue. <i>Gene</i> , 404(1-2), 25-30. doi:10.1016/j.gene.2007.08.015