

2009 Peer-Reviewed Publications from AKC Canine Health Foundation Funding



Year of Publication	CHF Grant ID	Institution/Principal Investigator	APA Citation
2009	0002	Fred Hutchinson Cancer Research Center; Ostrander, Elaine	Cadieu, E., Neff, M. W., Quignon, P., Walsh, K., Chase, K., Parker, H. G., . . . Byers, A. (2009). Coat variation in the domestic dog is governed by variants in three genes. <i>Science</i> , 326(5949), 150-153.
2009	0002	Fred Hutchinson Cancer Research Center; Ostrander, Elaine	Parker, H. G., VonHoldt, B. M., Quignon, P., Margulies, E. H., Shao, S., Mosher, D. S., . . . Ostrander, E. A. (2009). An expressed fgf4 retrogene is associated with breed-defining chondrodysplasia in domestic dogs. <i>Science</i> , 325(5943), 995-998. doi:10.1126/science.1173275
2009	0003	Texas A&M University; Lees, George	Cox, M. L., Quignon, P., Galibert, F., Lees, G. E., & Murphy, K. E. (2009). Sequencing and Radiation Hybrid Mapping of Canine Uromodulin. <i>DNA Sequence</i> , 14(1), 61-69. doi:10.1080/1042517021000056943
2009	0084	Texas A&M University; Murphy, Keith	Cargill, E. J., Schnabel, R. D., & Murphy, K. E. (2009). Assignment of Canine MSS1 Microsatellite Markers to Chromosomes by Linkage Data. <i>DNA Sequence</i> , 15(3), 209-212. doi:10.1080/10425170410001704490
2009	0119	North Carolina State University; Breen, Matthew	Rebbeck, C. A., Thomas, R., Breen, M., Leroi, A. M., & Burt, A. (2009). Origins and evolution of a transmissible cancer. <i>Evolution</i> , 63(9), 2340-2349. doi:10.1111/j.1558-5646.2009.00724.x
2009	0119	North Carolina State University; Breen, Matthew	Thomas, R., Rebbeck, C., Leroi, A. M., Burt, A., & Breen, M. (2009). Extensive conservation of genomic imbalances in canine transmissible venereal tumors (CTVT) detected by microarray-based CGH analysis. <i>Chromosome Res</i> , 17(7), 927-934. doi:10.1007/s10577-009-9080-8
2009	0124	Texas A&M University; Coates, Joan	March, P. A., Coates, J. R., Abyad, R. J., Williams, D. A., O'Brien, D. P., Olby, N. J., . . . Oglesbee, M. (2009). Degenerative myelopathy in 18 Pembroke Welsh Corgi dogs. <i>Vet Pathol</i> , 46(2), 241-250. doi:10.1354/vp.46-2-241
2009	0156	Ohio State University; Meurs, Kathryn	Scansen, B. A., Meurs, K. M., Spier, A. W., Koplitz, S., & Baumwart, R. D. (2009). Temporal variability of ventricular arrhythmias in Boxer dogs with arrhythmogenic right ventricular cardiomyopathy. <i>J Vet Intern Med</i> , 23(5), 1020-1024. doi:10.1111/j.1939-1676.2009.0366.x
2009	0247	Iowa State University; Rothschild, Max	Wilke, V. L., Zhang, S., Evans, R. B., Conzemius, M. G., & Rothschild, M. F. (2009). Identification of chromosomal regions associated with cranial cruciate ligament rupture in a population of Newfoundlands. <i>Am J Vet Res</i> , 70(8), 1013-1017. doi:10.2460/ajvr.70.8.1013
2009	0248	University of Florida; Ellison, Gary	Rose, S. A., Adin, C. A., Ellison, G. W., Sereda, C. W., & Archer, L. L. (2009). Long-term efficacy of a percutaneously adjustable hydraulic urethral sphincter for treatment of urinary incontinence in four dogs. <i>Vet Surg</i> , 38(6), 747-753. doi:10.1111/j.1532-950X.2009.00560.x
2009	0276	Cornell University; Moise, Sydney	Cruickshank, J., Quaas, R. L., Li, J., Hemsley, S., Gunn, T. M., & Moise, N. S. (2009). Genetic analysis of ventricular arrhythmia in young German Shepherd Dogs. <i>J Vet Intern Med</i> , 23(2), 264-270. doi:10.1111/j.1939-1676.2009.0265.x
2009	0369	University of Dayton; Wright, Shirley	Lunn, M. O., & Wright, S. J. (2009). Imaging the zona pellucida of canine and feline oocytes using scanning electron microscopy. <i>Microsc Microanal</i> , 15(1), 2-14. doi:10.1017/S1431927609090084
2009	0372	University of Minnesota; Davies, Rebecca	Sharkey, L., Gjevre, K., Hegstad-Davies, R., Torres, S., & Munoz-Zanzi, C. (2009). Breed-associated variability in serum biochemical analytes in four large-breed dogs. <i>Vet Clin Pathol</i> , 38(3), 375-380. doi:10.1111/j.1939-165X.2009.00134.x

2009	0403	North Carolina State University; Breen, Matthew	Thomas, R., Duke, S. E., Wang, H. J., Breen, T. E., Higgins, R. J., Linder, K. E., . . . Breen, M. (2009). 'Putting our heads together': insights into genomic conservation between human and canine intracranial tumors. <i>J Neurooncol</i> , 94(3), 333-349. doi:10.1007/s11060-009-9877-5
2009	0422	University of Colorado Cancer Center; Bellgrau, Don	Tamburini, B. A., Trapp, S., Phang, T. L., Schappa, J. T., Hunter, L. E., & Modiano, J. F. (2009). Gene expression profiles of sporadic canine hemangiosarcoma are uniquely associated with breed. <i>PLoS One</i> , 4(5), e5549. doi:10.1371/journal.pone.0005549
2009	0570	University of California, Davis; Neff, Mark	Wong, A. K., & Neff, M. W. (2009). DOGSET: pre-designed primer sets for fine-scale mapping and DNA sequence interrogation in the dog. <i>Anim Genet</i> , 40(4), 569-571. doi:10.1111/j.1365-2052.2009.01875.x
2009	0640	Texas A&M University; Greer, Kimberly	Greer, K. A., Schatzberg, S. J., Porter, B. F., Jones, K. A., Famula, T. R., & Murphy, K. E. (2009). Heritability and transmission analysis of necrotizing meningoencephalitis in the Pug. <i>Res Vet Sci</i> , 86(3), 438-442. doi:10.1016/j.rvsc.2008.10.002
2009	0640	Texas A&M University; Greer, Kimberly	Young, B. D., Levine, J. M., Fosgate, G. T., de Lahunta, A., Flegel, T., Matiasek, K., . . . Schatzberg, S. J. (2009). Magnetic resonance imaging characteristics of necrotizing meningoencephalitis in Pug dogs. <i>J Vet Intern Med</i> , 23(3), 527-535. doi:10.1111/j.1939-1676.2009.0306.x
2009	0652	University of California, Davis; Chomel, Bruno	Henn, J. B., Chomel, B. B., Boulouis, H. J., Kasten, R. W., Murray, W. J., Bar-Gal, G. K., . . . Baneth, G. (2009). Bartonella rochalimae in raccoons, coyotes, and red foxes. <i>Emerg Infect Dis</i> , 15(12), 1984-1987. doi:10.3201/eid1512.081692
2009	0652	University of California, Davis; Chomel, Bruno	Henn, J. B., Gabriel, M. W., Kasten, R. W., Brown, R. N., Koehler, J. E., MacDonald, K. A., . . . Chomel, B. B. (2009). Infective endocarditis in a dog and the phylogenetic relationship of the associated "Bartonella rochalimae" strain with isolates from dogs, gray foxes, and a human. <i>J Clin Microbiol</i> , 47(3), 787-790. doi:10.1128/JCM.01351-08
2009	0678	Ohio State University; London, Cheryl	Lin, T. Y., Thomas, R., Tsai, P. C., Breen, M., & London, C. A. (2009). Generation and characterization of novel canine malignant mast cell line CL1. <i>Vet Immunol Immunopathol</i> , 127(1-2), 114-124. doi:10.1016/j.vetimm.2008.09.027
2009	0683	University of Guelph; Wood, Darren	Burgess, H. J., Woods, J. P., Abrams-Ogg, A. C., & Wood, R. D. (2009). Evaluation of laboratory methods to improve characterization of dogs with von Willebrand disease. <i>Can J Vet Res</i> , 73(4), 252-259.
2009	0683	University of Guelph; Wood, Darren	Burgess, H. J., Woods, J. P., Abrams-Ogg, A. C., & Wood, R. D. (2009). Use of a questionnaire to predict von Willebrand disease status and characterize hemorrhagic signs in a population of dogs and evaluation of a diagnostic profile to predict risk of bleeding. <i>Canadian Journal of Veterinary Research</i> , 73(4), 241.
2009	0700	University of Pennsylvania; Oyama, Mark	Oyama, M. A., Chittur, S. V., & Reynolds, C. A. (2009). Decreased triadin and increased calstabin2 expression in Great Danes with dilated cardiomyopathy. <i>J Vet Intern Med</i> , 23(5), 1014-1019. doi:10.1111/j.1939-1676.2009.0360.x
2009	0705	University of Tennessee; LeBlanc, Amy	LeBlanc, A. K., Jakoby, B. W., Townsend, D. W., & Daniel, G. B. (2009). 18FDG-PET imaging in canine lymphoma and cutaneous mast cell tumor. <i>Vet Radiol Ultrasound</i> , 50(2), 215-223. doi:10.1111/j.1740-8261.2009.01520.x
2009	0718	University of Liverpool; Blackwood, Laura	Usher, S. G., Radford, A. D., Villiers, E. J., & Blackwood, L. (2009). RAS, FLT3, and C-KIT mutations in immunophenotyped canine leukemias. <i>Exp Hematol</i> , 37(1), 65-77. doi:10.1016/j.exphem.2008.09.005

2009	0732	University of Missouri, Columbia; Katz, Martin	Awano, T., Johnson, G. S., Wade, C. M., Katz, M. L., Johnson, G. C., Taylor, J. F., . . . Long, S. (2009). Genome-wide association analysis reveals a SOD1 mutation in canine degenerative myelopathy that resembles amyotrophic lateral sclerosis. <i>Proc Natl Acad Sci U S A</i> , 106(8), 2794-2799.
2009	0752	University of Washington; Akey, Joshua	Nicholas, T. J., Cheng, Z., Ventura, M., Mealey, K., Eichler, E. E., & Akey, J. M. (2009). The genomic architecture of segmental duplications and associated copy number variants in dogs. <i>Genome Res</i> , 19(3), 491-499. doi:10.1101/gr.084715.108
2009	0754	Purdue University; Knapp, Deborah	Dhawan, D., Ramos-Vara, J. A., Stewart, J. C., Zheng, R., & Knapp, D. W. (2009). Canine invasive transitional cell carcinoma cell lines: in vitro tools to complement a relevant animal model of invasive urinary bladder cancer. <i>Urol Oncol</i> , 27(3), 284-292. doi:10.1016/j.urolonc.2008.02.015
2009	0763	Ohio State University; Wilkie, David	Wilkie, D. A., & Colitz, C. M. (2009). Update on veterinary cataract surgery. <i>Curr Opin Ophthalmol</i> , 20(1), 61-68. doi:10.1097/ICU.0b013e32831a98aa
2009	0795	Kansas State University; Lister, Stephanie	Lister, S., Roush, J., Renberg, W., & Stephens, C. (2009). Ground reaction force analysis of unilateral coxofemoral denervation for the treatment of canine hip dysplasia. <i>Vet Comp Orthop Traumatol</i> , 22(02), 137-141.
2009	0815	Washington State University; Meurs, Kathryn	Baumwart, R. D., Meurs, K. M., & Raman, S. V. (2009). Magnetic resonance imaging of right ventricular morphology and function in boxer dogs with arrhythmogenic right ventricular cardiomyopathy. <i>J Vet Intern Med</i> , 23(2), 271-274. doi:10.1111/j.1939-1676.2008.0266.x
2009	0849	Tufts University; Blais, Marie-Claude	Blais, M. C., Rozanski, E. A., Hale, A. S., Shaw, S. P., & Cotter, S. M. (2009). Lack of evidence of pregnancy-induced alloantibodies in dogs. <i>J Vet Intern Med</i> , 23(3), 462-465. doi:10.1111/j.1939-1676.2009.0286.x
2009	0850	University of California, San Francisco; Hamilton, Steven	Chang, M. L., Yokoyama, J. S., Branson, N., Dyer, D. J., Hitte, C., Overall, K. L., & Hamilton, S. P. (2009). Intra-breed Stratification Related to Divergent Selection Regimes in Purebred Dogs May Affect the Interpretation of Genetic Association Studies. <i>Journal of Heredity</i> , 100(suppl_1), S28-S36. doi:10.1093/jhered/esp012
2009	0858	University of Missouri, Columbia; Fine, Deborah	Atkinson, K. J., Fine, D. M., Thombs, L. A., Gorelick, J. J., & Durham, H. E. (2009). Evaluation of pimobendan and N-terminal pro-brain natriuretic peptide in the treatment of pulmonary hypertension secondary to degenerative mitral valve disease in dogs. <i>J Vet Intern Med</i> , 23(6), 1190-1196. doi:10.1111/j.1939-1676.2009.0390.x
2009	0886	Cornell University; Dewey, Curtis	Dewey, C. W., Cerda-Gonzalez, S., Levine, J. M., Badgley, B. L., Ducoté, J. M., Silver, G. M., . . . Lavelly, J. A. (2009). Pregabalin as an adjunct to phenobarbital, potassium bromide, or a combination of phenobarbital and potassium bromide for treatment of dogs with suspected idiopathic epilepsy. <i>J Am Vet Med Assoc</i> , 235(12), 1442-1449.
2009	0906	North Carolina State University; Gibson, Greg	Kennerly, E. M., Idaghdour, Y., Olby, N. J., Munana, K. R., & Gibson, G. (2009). Pharmacogenetic association study of 30 genes with phenobarbital drug response in epileptic dogs. <i>Pharmacogenet Genomics</i> , 19(12), 911-922. doi:10.1097/FPC.0b013e3283307c8a
2009	0935	National Human Genome Research Institute; Ostrander, Elaine	Abadie, J., Hedan, B., Cadieu, E., De Brito, C., Devauchelle, P., Bourgain, C., . . . Andre, C. (2009). Epidemiology, pathology, and genetics of histiocytic sarcoma in the Bernese mountain dog breed. <i>J Hered</i> , 100 Suppl 1, S19-27. doi:10.1093/jhered/esp039

2009	0948	University of Minnesota; Modiano, Jaime	Thomas, R., Wang, H. J., Tsai, P. C., Langford, C. F., Fosmire, S. P., Jubala, C. M., . . . Breen, M. (2009). Influence of genetic background on tumor karyotypes: evidence for breed-associated cytogenetic aberrations in canine appendicular osteosarcoma. <i>Chromosome Res</i> , 17(3), 365-377. doi:10.1007/s10577-009-9028-z
2009	0976	Ohio State University; London, Cheryl	Fossey, S. L., Liao, A. T., McCleese, J. K., Bear, M. D., Lin, J., Li, P. K., . . . London, C. A. (2009). Characterization of STAT3 activation and expression in canine and human osteosarcoma. <i>BMC Cancer</i> , 9, 81. doi:10.1186/1471-2407-9-81
2009	0986	Central Michigan University; Heuberger, Roschelle	Heuberger, R., & Glassman, K. (2009). Survey of dietary patterns and health in community dwelling canines. <i>J Anim Physiol Anim Nutr</i> , 93(2), 143-144.
2009	0997	Cornell University; Ledbetter, Eric	Ledbetter, E. C., Hornbuckle, W. E., & Dubovi, E. J. (2009). Virologic survey of dogs with naturally acquired idiopathic conjunctivitis. <i>J Am Vet Med Assoc</i> , 235(8), 954-959. doi:10.2460/javma.235.8.954
2009	1005	University of Minnesota; Patterson, Ned	Leppik, I. E., Patterson, E., Hardy, B., & Cloyd, J. C. (2009). Canine status epilepticus: Proof of principle studies. <i>Epilepsia</i> , 50 Suppl 12, 14-15. doi:10.1111/j.1528-1167.2009.02362.x
2009	1054	Texas A&M University; Stoica, George	Stoica, G., Lungu, G., Martini-Stoica, H., Waghela, S., Levine, J., & Smith, R., 3rd. (2009). Identification of cancer stem cells in dog glioblastoma. <i>Vet Pathol</i> , 46(3), 391-406. doi:10.1354/vp.08-VP-0218-S-FL
2009	1099	University of Georgia; Schatzberg, Scott	Schatzberg, S. J., Li, Q., Porter, B. F., Barber, R. M., Claiborne, M. K., Levine, J. M., . . . Tong, S. (2009). Broadly reactive pan-paramyxovirus reverse transcription polymerase chain reaction and sequence analysis for the detection of Canine distemper virus in a case of canine meningoencephalitis of unknown etiology. <i>J Vet Diagn Invest</i> , 21(6), 844-849. doi:10.1177/104063870902100613
2009	1159	Iowa State University; Petersen, Christine	Petersen, C. A. (2009). New means of canine leishmaniasis transmission in north america: the possibility of transmission to humans still unknown. <i>Interdiscip Perspect Infect Dis</i> , 2009, 802712. doi:10.1155/2009/802712
2009	1159	Iowa State University; Petersen, Christine	Petersen, C. A., & Barr, S. C. (2009). Canine leishmaniasis in North America: emerging or newly recognized? <i>Vet Clin North Am Small Anim Pract</i> , 39(6), 1065-1074, vi. doi:10.1016/j.cvsm.2009.06.008
2009	1220	Iowa State University; Petersen, Christine	Petersen, C. A. (2009). Leishmaniasis, an emerging disease found in companion animals in the United States. <i>Top Companion Anim Med</i> , 24(4), 182-188. doi:10.1053/j.tcam.2009.06.006