

2011 Peer-Reviewed Publications from AKC Canine Health Foundation Funding



Year of Publication	CHF Grant ID	Institution/Principal Investigator	APA Citation
2011	0125	University of Montreal; Dore, Monique	Dore, M. (2011). Cyclooxygenase-2 expression in animal cancers. <i>Vet Pathol</i> , 48(1), 254-265. doi:10.1177/0300985810379434
2011	0137	AMC Cancer Research Center; Modiano, Jaime	Scott, M. C., Sarver, A. L., Gavin, K. J., Thayanithy, V., Getzy, D. M., Newman, R. A., . . . Modiano, J. F. (2011). Molecular subtypes of osteosarcoma identified by reducing tumor heterogeneity through an interspecies comparative approach. <i>Bone</i> , 49(3), 356-367. doi:10.1016/j.bone.2011.05.008
2011	0167	University of Wisconsin, Madison; Muir, Peter	Bleedorn, J. A., Greuel, E. N., Manley, P. A., Schaefer, S. L., Markel, M. D., Holzman, G., & Muir, P. (2011). Synovitis in dogs with stable stifle joints and incipient cranial cruciate ligament rupture: a cross-sectional study. <i>Vet Surg</i> , 40(5), 531-543. doi:10.1111/j.1532-950X.2011.00841.x
2011	0167	University of Wisconsin, Madison; Muir, Peter	Muir, P., Schwartz, Z., Malek, S., Kreines, A., Cabrera, S. Y., Buote, N. J., . . . Hao, Z. (2011). Contralateral cruciate survival in dogs with unilateral non-contact cranial cruciate ligament rupture. <i>PLoS One</i> , 6(10), e25331. doi:10.1371/journal.pone.0025331
2011	0194	North Carolina State University; Breen, Matthew	Hedan, B., Thomas, R., Motsinger-Reif, A., Abadie, J., Andre, C., Cullen, J., & Breen, M. (2011). Molecular cytogenetic characterization of canine histiocytic sarcoma: A spontaneous model for human histiocytic cancer identifies deletion of tumor suppressor genes and highlights influence of genetic background on tumor behavior. <i>BMC Cancer</i> , 11(1), 201. doi:10.1186/1471-2407-11-201
2011	0195	University of Edinburgh; Corcoran, Brendan	Corcoran, B. M., King, L. G., Schwarz, T., Hammond, G., & Sullivan, M. (2011). Further characterisation of the clinical features of chronic pulmonary disease in West Highland white terriers. <i>Vet Rec</i> , 168(13), 355. doi:10.1136/vr.c6519
2011	0225	University of California, Davis; Oberbauer, Anita	Rincon, G., Tengvall, K., Belanger, J. M., Lagoutte, L., Medrano, J. F., André, C., . . . Lindblad-Toh, K. (2011). Comparison of buccal and blood-derived canine DNA, either native or whole genome amplified, for array-based genome-wide association studies. <i>BMC Research Notes</i> , 4(1), 226.
2011	0415	Cornell University; Page, Rodney	Stein, R., Balkman, C., Chen, S., Rassnick, K., McEntee, M., Page, R., & Goldenberg, D. M. (2011). Evaluation of anti-human leukocyte antigen-DR monoclonal antibody therapy in spontaneous canine lymphoma. <i>Leuk Lymphoma</i> , 52(2), 273-284. doi:10.3109/10428194.2010.535182
2011	0594	University of Tennessee; Fecteau, Kellie	Fecteau, K. A., Eiler, H., & Oliver, J. W. (2011). Effect of combined lignan phytoestrogen and melatonin treatment on secretion of steroid hormones by adrenal carcinoma cells. <i>Am J Vet Res</i> , 72(5), 675-680. doi:10.2460/ajvr.72.5.675
2011	0598	University of Minnesota; Mickelson, James	Ekenstedt, K. J., Patterson, E. E., Minor, K. M., & Mickelson, J. R. (2011). Candidate genes for idiopathic epilepsy in four dog breeds. <i>BMC Genet</i> , 12(1), 38. doi:10.1186/1471-2156-12-38
2011	0613	North Carolina State University; Breen, Matthew	Thomas, R., Seiser, E. L., Motsinger-Reif, A., Borst, L., Valli, V. E., Kelley, K., . . . Breen, M. (2011). Refining tumor-associated aneuploidy through 'genomic recoding' of recurrent DNA copy number aberrations in 150 canine non-Hodgkin lymphomas. <i>Leuk Lymphoma</i> , 52(7), 1321-1335. doi:10.3109/10428194.2011.559802

2011	0615	University of Colorado; Modiano, Jaime	Ito, D., Endicott, M. M., Jubala, C. M., Helm, K. M., Burnett, R. C., Husbands, B. D., . . . Modiano, J. F. (2011). A tumor-related lymphoid progenitor population supports hierarchical tumor organization in canine B-cell lymphoma. <i>J Vet Intern Med</i> , 25(4), 890-896. doi:10.1111/j.1939-1676.2011.0756.x
2011	0732	University of Missouri, Columbia; Katz, Martin	Farias, F. H., Zeng, R., Johnson, G. S., Winger, F. A., Taylor, J. F., Schnabel, R. D., . . . Katz, M. L. (2011). A truncating mutation in ATP13A2 is responsible for adult-onset neuronal ceroid lipofuscinosis in Tibetan terriers. <i>Neurobiol Dis</i> , 42(3), 468-474. doi:10.1016/j.nbd.2011.02.009
2011	0732	University of Missouri, Columbia; Katz, Martin	Katz, M. L., Farias, F. H., Sanders, D. N., Zeng, R., Khan, S., Johnson, G. S., & O'Brien, D. P. (2011). A missense mutation in canine CLN6 in an Australian shepherd with neuronal ceroid lipofuscinosis. <i>J Biomed Biotechnol</i> , 2011, 198042. doi:10.1155/2011/198042
2011	0741	University of Wisconsin, Madison; Muir, Peter	Muir, P., Kelly, J. L., Marvel, S. J., Heinrich, D. A., Schaefer, S. L., Manley, P. A., . . . Plisch, E. (2011). Lymphocyte populations in joint tissues from dogs with inflammatory stifle arthritis and associated degenerative cranial cruciate ligament rupture. <i>Vet Surg</i> , 40(6), 753-761. doi:10.1111/j.1532-950X.2011.00867.x
2011	0741	University of Wisconsin, Madison; Muir, Peter	Schwartz, Z., Zitzer, N. C., Racette, M. A., Manley, P. A., Schaefer, S. L., Markel, M. D., . . . Muir, P. (2011). Are bacterial load and synovitis related in dogs with inflammatory stifle arthritis? <i>Vet Microbiol</i> , 148(2-4), 308-316. doi:10.1016/j.vetmic.2010.09.011
2011	0768	University of Illinois; Valli, Ted	Valli, V. E., San Myint, M., Barthel, A., Bienzle, D., Caswell, J., Colbatzky, F., . . . Vernau, W. (2011). Classification of canine malignant lymphomas according to the World Health Organization criteria. <i>Vet Pathol</i> , 48(1), 198-211. doi:10.1177/0300985810379428
2011	0799	Iowa State University; Petersen, Christine	Boggiatto, P. M., Gibson-Corley, K. N., Metz, K., Gallup, J. M., Hostetter, J. M., Mullin, K., & Petersen, C. A. (2011). Transplacental transmission of <i>Leishmania infantum</i> as a means for continued disease incidence in North America. <i>PLoS Negl Trop Dis</i> , 5(4), e1019. doi:10.1371/journal.pntd.0001019
2011	0859	University of Manchester; Kennedy, Lorna	Ke, X., Kennedy, L. J., Short, A. D., Seppala, E. H., Barnes, A., Clements, D. N., . . . Ollier, W. E. (2011). Assessment of the functionality of genome-wide canine SNP arrays and implications for canine disease association studies. <i>Anim Genet</i> , 42(2), 181-190. doi:10.1111/j.1365-2052.2010.02132.x
2011	0876	University of Manchester; Kennedy, Lorna	Quilez, J., Short, A. D., Martínez, V., Kennedy, L. J., Ollier, W., Sanchez, A., . . . Francino, O. (2011). A selective sweep of > 8 Mb on chromosome 26 in the Boxer genome. <i>BMC Genomics</i> , 12(1), 339.
2011	0888	University of Pennsylvania; Mason, Nicola	Braganza, A., Wallace, K., Pell, L., Parrish, C. R., Siegel, D. L., & Mason, N. J. (2011). Generation and validation of canine single chain variable fragment phage display libraries. <i>Vet Immunol Immunopathol</i> , 139(1), 27-40. doi:10.1016/j.vetimm.2010.07.026
2011	0947	North Carolina State University; Breen, Matthew	Angstadt, A. Y., Motsinger-Reif, A., Thomas, R., Kisseberth, W. C., Guillermo Couto, C., Duval, D. L., . . . Breen, M. (2011). Characterization of canine osteosarcoma by array comparative genomic hybridization and RT-qPCR: signatures of genomic imbalance in canine osteosarcoma parallel the human counterpart. <i>Genes Chromosomes Cancer</i> , 50(11), 859-874. doi:10.1002/gcc.20908
2011	0976	Ohio State University; London, Cheryl	Fossey, S. L., Bear, M. D., Kisseberth, W. C., Pennell, M., & London, C. A. (2011). Oncostatin M promotes STAT3 activation, VEGF production, and invasion in osteosarcoma cell lines. <i>BMC Cancer</i> , 11(1), 125. doi:10.1186/1471-2407-11-125

2011	0976	Ohio State University; London, Cheryl	Fossey, S. L., Bear, M. D., Lin, J., Li, C., Schwartz, E. B., Li, P. K., . . . London, C. A. (2011). The novel curcumin analog FLLL32 decreases STAT3 DNA binding activity and expression, and induces apoptosis in osteosarcoma cell lines. <i>BMC Cancer</i> , 11(1), 112. doi:10.1186/1471-2407-11-112
2011	1037	Virginia-Maryland Regional College of Veterinary Medicine; Harper, Tisha	Harper, T. A., Jones, J. C., Saunders, G. K., Daniel, G. B., Leroith, T., & Rossmeyssl, E. (2011). Sensitivity of low-field T2 images for detecting the presence and severity of histopathologic meniscal lesions in dogs. <i>Vet Radiol Ultrasound</i> , 52(4), 428-435. doi:10.1111/j.1740-8261.2011.01818.x
2011	1046	National Cancer Institute; Hong, Sung	Hong, S. H., Osborne, T., Ren, L., Briggs, J., Mazcko, C., Burkett, S. S., & Khanna, C. (2011). Protein kinase C regulates ezrin-radixin-moesin phosphorylation in canine osteosarcoma cells. <i>Vet Comp Oncol</i> , 9(3), 207-218. doi:10.1111/j.1476-5829.2010.00249.x
2011	1066	Oklahoma State University; Davis, Michael	Love, S. B., Davis, M. S., Goad, C., Murphy, K., Aichele, D. B., & Fossum, T. W. (2011). Predictive haematological and serum biomarkers for canine endurance exercise. <i>Comparative Exercise Physiology</i> , 7(03), 109-115. doi:10.1017/s1755254010000310
2011	1077	University of Tennessee; Dhar, Madhu	Roshwalb, S., Gorman, S., Hurst, S., Bartges, J., Agarwal, S., Somnardahl, C., . . . Dhar, M. S. (2011). mRNA expression of canine ATP10C, a P4-type ATPase, is positively associated with body condition score. <i>Vet J</i> , 190(1), 173-175. doi:10.1016/j.tvjl.2010.09.008
2011	1083	University of Pennsylvania; Casal, Margret	Wang, P., Zangerl, B., Werner, P., Mauldin, E. A., & Casal, M. L. (2011). Familial cutaneous lupus erythematosus (CLE) in the German shorthaired pointer maps to CFA18, a canine orthologue to human CLE. <i>Immunogenetics</i> , 63(4), 197-207. doi:10.1007/s00251-010-0499-z
2011	1160	University of Pennsylvania; Mai, Wilfried	Mai, W., & Weisse, C. (2011). Contrast-enhanced portal magnetic resonance angiography in dogs with suspected congenital portal vascular anomalies. <i>Vet Radiol Ultrasound</i> , 52(3), 284-288. doi:10.1111/j.1740-8261.2010.01771.x
2011	1190	University of Minnesota; Mickelson, James	Minor, K. M., Patterson, E. E., Keating, M. K., Gross, S. D., Ekenstedt, K. J., Taylor, S. M., & Mickelson, J. R. (2011). Presence and impact of the exercise-induced collapse associated DNM1 mutation in Labrador retrievers and other breeds. <i>Vet J</i> , 189(2), 214-219. doi:10.1016/j.tvjl.2011.06.022
2011	1194	Texas A&M University; Stoica, George	Stoica, G., Levine, J., Wolff, J., & Murphy, K. (2011). Canine astrocytic tumors: a comparative review. <i>Vet Pathol</i> , 48(1), 266-275. doi:10.1177/0300985810389543
2011	1212	University of Missouri, Columbia; Coates, Joan	Winger, F., Zeng, R., Johnson, G., Katz, M., Johnson, G., Bush, W., . . . Coates, J. (2011). Degenerative myelopathy in a Bernese Mountain Dog with a novel SOD1 missense mutation. <i>J Vet Intern Med</i> , 25(5), 1166-1170.
2011	1227	University of California, Davis; Marks, Stanley	Trivedi, S., Marks, S., Kass, P., Luff, J., Keller, S., Johnson, E., & Murphy, B. (2011). Sensitivity and specificity of canine pancreas-specific lipase (cPL) and other markers for pancreatitis in 70 dogs with and without histopathologic evidence of pancreatitis. <i>J Vet Intern Med</i> , 25(6), 1241-1247.
2011	1231	North Carolina State University; Breitschwerdt, Edward	Varanat, M., Maggi, R. G., Linder, K. E., & Breitschwerdt, E. B. (2011). Molecular prevalence of Bartonella, Babesia, and hemotropic Mycoplasma sp. in dogs with splenic disease. <i>J Vet Intern Med</i> , 25(6), 1284-1291. doi:10.1111/j.1939-1676.2011.00811.x
2011	1232	University of Pennsylvania; Mason, Nicola	Gaurnier-Hausser, A., Patel, R., Baldwin, A. S., May, M. J., & Mason, N. J. (2011). NEMO-binding domain peptide inhibits constitutive NF-kappaB activity and reduces tumor burden in a canine model of relapsed, refractory diffuse large B-cell lymphoma. <i>Clin Cancer Res</i> , 17(14), 4661-4671. doi:10.1158/1078-0432.CCR-10-3310

2011	1233	University of California, Davis; Bannasch, Danika	Hughes, A. M., Bannasch, D. L., Kellett, K., & Oberbauer, A. M. (2011). Examination of candidate genes for hypoadrenocorticism in Nova Scotia Duck Tolling Retrievers. <i>Vet J</i> , 187(2), 212-216. doi:10.1016/j.tvjl.2009.10.012
2011	1244	Indiana University East; Greer, Kimberly	Pedersen, N., Liu, H., Millon, L., & Greer, K. (2011). Dog leukocyte antigen class II-associated genetic risk testing for immune disorders of dogs: simplified approaches using Pug dog necrotizing meningoencephalitis as a model. <i>J Vet Diagn Invest</i> , 23(1), 68-76. doi:10.1177/104063871102300110
2011	1265	University of Wollongong; Sluyter, Ronald	Wiley, J., Sluyter, R., Gu, B., Stokes, L., & Fuller, S. (2011). The human P2X7 receptor and its role in innate immunity. <i>HLA</i> , 78(5), 321-332.
2011	1425	University of Helsinki and the Folkhälsan Institute of Genetics; Lohi, Hannes	Lequarre, A. S., Andersson, L., Andre, C., Fredholm, M., Hitte, C., Leeb, T., . . . Georges, M. (2011). LUPA: a European initiative taking advantage of the canine genome architecture for unravelling complex disorders in both human and dogs. <i>Vet J</i> , 189(2), 155-159. doi:10.1016/j.tvjl.2011.06.013
2011	1455	University of Georgia; Platt, Simon	Barber, R. M., Schatzberg, S. J., Corneveaux, J. J., Allen, A. N., Porter, B. F., Pruzin, J. J., . . . Huentelman, M. J. (2011). Identification of risk loci for necrotizing meningoencephalitis in Pug dogs. <i>J Hered</i> , 102 Suppl 1, S40-46. doi:10.1093/jhered/esr048
2011	CCOGC		Webster, J. D., Simpson, E. R., Michalowski, A. M., Hoover, S. B., & Simpson, R. M. (2011). Quantifying histological features of cancer biospecimens for biobanking quality assurance using automated morphometric pattern recognition image analysis algorithms. <i>J Biomol Tech</i> , 22(3), 108.