

AKC Canine Health Foundation

Research Support History

Golden Retriever Foundation

April 24, 2018

Grant and Research Program Area	Fund	Commitment Date	Support Amount
<i>10283: Oncology-Hemangiosarcoma Research Program Area Support No Grant Selected</i> Ms. Samantha Wright; AKC Canine Health Foundation Program Area: Oncology - Hemangiosarcoma Grant Amount: \$0.00	Cash	2/13/2018	\$100,000.00
<i>02521-MOU: Identification of Genetic Markers for Familial Subvalvular Aortic Stenosis in Golden Retrievers</i> Dr. Joshua A Stern, DVM, PhD; University of California, Davis Program Area: Cardiology Project Dates: 2/1/2018 to 1/31/2020; Grant Amount: \$51,880.00	Cash	1/25/2018	\$56,683.70
<i>02234-MOU: A Novel Approach for Prevention of Canine Hemangiosarcoma</i> Dr. Jaime F Modiano, VMD, PhD; University of Minnesota Program Area: Oncology - Hemangiosarcoma Project Dates: 3/1/2016 to 2/28/2019; Grant Amount: \$432,000.00	Cash	6/30/2017	\$72,000.00
<i>02322: Analysis of the Health, Behavioral, and Longevity Data Collected in the 9/11 Medical Surveillance Longitudinal Study</i> Dr. Cynthia M. Otto, DVM, PhD; University of Pennsylvania Program Area: All Project Dates: 2/1/2017 to 1/31/2019; Grant Amount: \$37,672.02	DAF	2/7/2017	\$5,000.00
<i>02284-A: Lyme Disease in Dogs: Prevalence, Clinical Illness, and Prognosis</i> Dr. Jason W Stull, VMD, PhD; Ohio State University Program Area: Tick-Borne Disease Project Dates: 7/1/2016 to 6/30/2018; Grant Amount: \$14,148.00	DAF	2/3/2017	\$5,000.00
<i>02287: Enhanced Serological Testing Modalities for the Diagnosis of Bartonellosis in Dogs</i> Dr. Edward B Breitschwerdt, DVM; North Carolina State University Program Area: Tick-Borne Disease Project Dates: 8/1/2016 to 7/31/2018; Grant Amount: \$103,013.00	DAF	2/3/2017	\$5,000.00
<i>02292: Improving and Expanding the Broad-Range Detection of Canine Tick-Borne Disease Diagnostics Using Next-Generation Sequencing</i> Dr. Pedro Paul Diniz, DVM, PhD; Western University of Health Sciences Program Area: Tick-Borne Disease Project Dates: 9/1/2016 to 4/30/2018; Grant Amount: \$60,717.00	DAF	2/2/2017	\$5,000.00

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<i>02234-MOU: A Novel Approach for Prevention of Canine Hemangiosarcoma</i> Dr. Jaime F Modiano, VMD, PhD; University of Minnesota Program Area: Oncology - Hemangiosarcoma Project Dates: 3/1/2016 to 2/28/2019; Grant Amount: \$432,000.00	Cash	8/8/2016	\$72,000.00
<i>02228-MOU: Assessing the genetic diversity of North American golden retrievers</i> Dr. Joshua A Stern, DVM, PhD; University of California, Davis Program Area: General Canine Health and Obesity Project Dates: 1/1/2016 to 12/31/2016; Grant Amount: \$27,612.00	Cash	3/28/2016	\$27,612.00
<i>02234-MOU: A Novel Approach for Prevention of Canine Hemangiosarcoma</i> Dr. Jaime F Modiano, VMD, PhD; University of Minnesota Program Area: Oncology - Hemangiosarcoma Project Dates: 3/1/2016 to 2/28/2019; Grant Amount: \$432,000.00	Cash	6/22/2015	\$72,000.00
<i>02085-A: The Effect of Owner-Dog Exercise on Return Rates of Shelter Dogs</i> Dr. Clive D.L. Wynne, Ph.D.; Arizona State University Foundation Program Area: Behavior Project Dates: 2/1/2014 to 7/31/2015; Grant Amount: \$11,192.41	DAF	9/7/2014	\$5,000.00
<i>02118-A: Identification of a Lipid Receptor in the Canine Endometrium to Support Non-Invasive Therapy in Pyometra</i> Dr. Cordula Bartel, PhD; University of Veterinary Medicine of Vienna Program Area: Reproductive Conditions and Disease Project Dates: 7/1/2014 to 11/30/2015; Grant Amount: \$10,368.00	DAF	9/7/2014	\$5,000.00
<i>02124-A: Advanced Measures of Spermatozoal Parameters to Predict Fertility of Dogs in a Purebred Service Dog Breeding Facility</i> Dr. Stuart Meyers, DVM, PhD; University of California, Davis Program Area: Reproductive Conditions and Disease Project Dates: 7/1/2014 to 12/31/2015; Grant Amount: \$12,931.03	DAF	9/7/2014	\$5,000.00
<i>01975-A: Optimization of a Method for Isolation, Purification and Expansion of Adult Schwann Cells from Dorsal Cutaneous Cervical Nerves in Dogs</i> Dr. Natasha J Olby, VetMB PhD; North Carolina State University Program Area: Neurology Project Dates: 8/1/2013 to 7/31/2014; Grant Amount: \$12,960.00	DAF	3/19/2014	\$4,000.00
<i>02061: Identification of the Genetic Basis of Pigmentary Uveitis in Golden Retrievers.</i> Dr. Wendy M. Townsend, DVM, MS; Purdue University Program Area: Ophthalmology Project Dates: 1/1/2014 to 6/30/2018; Grant Amount: \$74,070.00	DAF	2/24/2014	\$20,000.00

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<i>01889-Ga: Developing Markers to Diagnose and Guide Cancer Treatment in Golden Retrievers Based on Newly Discovered Heritable and Acquired Mutations</i> Dr. Jaime F Modiano, VMD, PhD; University of Minnesota Program Area: Oncology Project Dates: 1/1/2014 to 12/31/2017; Grant Amount: \$360,932.51	Cash	7/1/2013	\$530,568.50
<i>01918-G: Discovery of novel protein, blood, and epigenetic biomarkers of lymphoma risk, classification, and prognosis in Golden Retrievers</i> Dr. Jeffery N. Bryan, DVM, PhD; University of Missouri, Columbia Program Area: Oncology - Lymphoma Project Dates: 7/1/2013 to 12/31/2017; Grant Amount: \$404,813.00	Cash	7/1/2013	\$202,406.50
<i>01759: Targeting Multipotency to Arrest Hemangiosarcoma Progression and Improve Outcomes</i> Dr. Jaime F Modiano, VMD, PhD; University of Minnesota Program Area: Oncology - Hemangiosarcoma Project Dates: 1/1/2013 to 12/31/2015; Grant Amount: \$233,914.00	DAF	3/12/2013	\$5,000.00
<i>01787: Clinical advancement of RNA-transfected CD40-B cell vaccine technology for cancer therapy</i> Dr. Nicola J Mason, BVetMed, PhD; University of Pennsylvania Program Area: Oncology - Lymphoma Project Dates: 1/1/2013 to 12/31/2016; Grant Amount: \$96,660.00	DAF	3/12/2013	\$5,000.00
<i>01843: Identification of diagnostic DNA copy number aberrations in canine leukemia</i> Dr. Matthew Breen, PhD; North Carolina State University Program Area: Oncology Project Dates: 1/1/2013 to 12/31/2015; Grant Amount: \$131,265.00	DAF	3/12/2013	\$5,000.00
<i>01557: High-Resolution Cytogenetic Analysis of Histiocytic Malignancies and Development of a Targeted Assay to Screen for Expression Level Changes</i> Dr. Matthew Breen, PhD; North Carolina State University Program Area: Oncology Project Dates: 7/1/2012 to 9/30/2015; Grant Amount: \$125,000.00	DAF	6/4/2012	\$3,000.00
<i>01633: Phase I S100B Inhibitor Clinical Trial for Canine Melanoma Therapy</i> Dr. Heather M. Wilson-Robles, DVM; Texas A&M AgriLife Research Program Area: Oncology Project Dates: 1/1/2012 to 12/31/2014; Grant Amount: \$75,963.08	DAF	6/4/2012	\$3,000.00
<i>01569: Evaluation of GS-9219 in Canine Cutaneous Lymphoma</i> Dr. Douglas H Thamm, VMD; Colorado State University Program Area: Oncology - Lymphoma Project Dates: 3/1/2012 to 12/31/2013; Grant Amount: \$37,844.00	DAF	6/4/2012	\$3,000.00

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<i>01727-A: Banking of DNA derived from Golden Retrievers histologically proven free of pigmentary uveitis and iris cysts.</i> Dr. Wendy M. Townsend, DVM, MS; Purdue University Program Area: Ophthalmology Project Dates: 4/1/2012 to 9/30/2013; Grant Amount: \$6,655.02	DAF	3/31/2012	\$12,957.00
<i>01422: Targeting iNOS in Canine Oral Melanoma</i> Dr. Julie A Ellerhorst, MD, PhD; University of Texas Program Area: Oncology Project Dates: 1/1/2011 to 12/31/2012; Grant Amount: \$48,432.58	DAF	9/15/2011	\$2,500.00
<i>01425: Identification of Epilepsy-Causing Mutations from the Associated Loci by Next-Generation Resequencing</i> Dr. Hannes T Lohi, PhD; University of Helsinki and the Folkhälsan Institute of Genetics Program Area: Epilepsy Project Dates: 1/1/2011 to 6/30/2012; Grant Amount: \$85,040.10	DAF	9/15/2011	\$2,500.00
<i>01426: c-Kit Mutation and Localization Status as Response Predictors in Canine Mast Cell Tumors Treated with Toceranib or Vinblastine: A Response-Adaptive Randomized Trial</i> Dr. Douglas H Thamm, VMD; Colorado State University Program Area: Oncology Project Dates: 1/1/2011 to 6/30/2015; Grant Amount: \$90,000.00	DAF	9/15/2011	\$2,500.00
<i>01472: Treatment with Liposomal Clodronate to Restore Tumor Sensitivity to Chemotherapy in Malignant Histiocytosis</i> Dr. Steven W. Dow, DVM PhD; Colorado State University Program Area: Oncology Project Dates: 1/1/2011 to 12/31/2013; Grant Amount: \$57,526.00	DAF	9/15/2011	\$2,500.00
<i>01480: Leptospirosis: A Forgotten Disease in Dogs</i> Dr. Janet Foley, DVM, PhD; University of California, Davis Program Area: Immunology and Infectious Disease Project Dates: 1/1/2011 to 12/31/2013; Grant Amount: \$73,620.00	DAF	9/15/2011	\$2,500.00
<i>01484: Identification and Characterization of a Canine Derived Single Chain Antibody that Binds and Neutralizes Canine VEGF</i> Dr. Nicola J Mason, BVetMed, PhD; University of Pennsylvania Program Area: Oncology - Hemangiosarcoma Project Dates: 1/1/2011 to 6/30/2012; Grant Amount: \$70,907.00	DAF	9/15/2011	\$2,500.00
<i>01429: Mechanistic Relationship of IL-8 in Cell Proliferation and Survival of Canine Hemangiosarcoma</i> Dr. Jaime F Modiano, VMD, PhD; University of Minnesota Program Area: Oncology - Hemangiosarcoma Project Dates: 1/1/2011 to 6/30/2013; Grant Amount: \$100,000.00	DAF	7/26/2011	\$2,500.00

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<i>01415: Development of Anti-IgE Peptide for Treatment of Canine Allergy</i> Dr. Bruce Hammerberg, DVM PhD; North Carolina State University Program Area: Dermatology and Allergic Disease Project Dates: 1/1/2011 to 12/31/2012; Grant Amount: \$84,861.00	DAF	2/10/2011	\$2,500.00
<i>01418: PET 2.0: Providing Engineered T-cells (PET): New Genetic and Immunotherapy Targeting Canines with Spontaneous B-cell Lymphoma</i> Dr. Heather M. Wilson-Robles, DVM; Texas A&M Research Foundation Program Area: Oncology - Lymphoma Project Dates: 1/1/2011 to 6/30/2018; Grant Amount: \$150,000.00	DAF	2/10/2011	\$2,500.00
<i>01490-A: Evaluation of Aurora kinase inhibitors in canine lymphoma in vitro</i> Dr. Keijiro Shiomitsu, DVM; Louisiana State University Program Area: Treatment Project Dates: 6/1/2010 to 5/31/2011; Grant Amount: \$11,538.73	DAF	2/10/2011	\$1,000.00
<i>01494-A: Comparison of the level of expression of P-glycoprotein in lymph nodes and peripheral blood lymphocytes in canine lymphoma patients</i> Dr. Bonnie L. Boudreaux, DVM; Louisiana State University Program Area: Oncology - Lymphoma Project Dates: 7/1/2010 to 6/30/2013; Grant Amount: \$10,294.00	DAF	2/10/2011	\$1,000.00
<i>01521-A: Assessment of grass awn disease in dogs & CRP plantings of grasses with barbed awns</i> Dr. William K Lauenroth; University of Wyoming Program Area: Prevention Project Dates: 10/1/2010 to 5/31/2012; Grant Amount: \$6,828.95	DAF	10/14/2010	\$1,000.00
<i>01488-A: Health Implications of Spay and Neuter: Golden Retriever and Labrador Retriever</i> Dr. Benjamin L Hart, DVM, PhD; University of California, Davis Program Area: Prevention Project Dates: 7/1/2010 to 6/30/2011; Grant Amount: \$12,960.00	DAF	6/6/2010	\$6,480.00
<i>01317: Mutation Detection and Functional Analysis of Multiple Loci for Osteosarcoma</i> Dr. Kerstin Lindblad-Toh, PhD; Broad Institute Program Area: Oncology - Osteosarcoma Project Dates: 1/1/2010 to 3/31/2012; Grant Amount: \$80,692.20	DAF	5/6/2010	\$10,000.00
<i>01272: Isolation and Characterization of Canine Induced Pluripotential Stem Cells (iPS)</i> Dr. Jorge A Piedrahita, PhD; North Carolina State University Program Area: All Project Dates: 1/1/2010 to 6/30/2012; Grant Amount: \$82,610.00	DAF	5/6/2010	\$2,500.00

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<i>01262: Sequencing and Functional Analysis of the Canine Y Chromosome</i> Dr. William J. Murphy, PhD; Texas A&M Research Foundation Program Area: Reproductive Conditions and Disease Project Dates: 1/1/2010 to 12/31/2011; Grant Amount: \$105,478.48	DAF	5/6/2010	\$2,500.00
<i>01248: Whole Genome Association Analyses for Cryptorchidism in Dogs</i> Dr. Max F. Rothschild, PhD; Iowa State University Program Area: Prevention Project Dates: 1/1/2010 to 12/31/2010; Grant Amount: \$74,036.11	DAF	5/6/2010	\$2,500.00
<i>01139: Immune Targeting of Canine Hemangiosarcoma Using a Canine Derived Single Chain Antibody Approach</i> Dr. Nicola J Mason, BVetMed, PhD; University of Pennsylvania Program Area: Treatment Project Dates: 1/1/2009 to 6/30/2011; Grant Amount: \$123,125.40	DAF	2/9/2010	\$5,410.10
<i>01113: Canine Non-Hodgkin Lymphoma: Characterization and Prognostic Value of Cancer Stem Cells</i> Dr. Timothy D. O'Brien, DVM PhD; University of Minnesota Program Area: Treatment Project Dates: 1/1/2009 to 6/30/2011; Grant Amount: \$150,071.40	DAF	11/5/2009	\$1,000.00
<i>01139: Immune Targeting of Canine Hemangiosarcoma Using a Canine Derived Single Chain Antibody Approach</i> Dr. Nicola J Mason, BVetMed, PhD; University of Pennsylvania Program Area: Treatment Project Dates: 1/1/2009 to 6/30/2011; Grant Amount: \$123,125.40	DAF	11/5/2009	\$1,000.00
<i>01142: Cutting Balloon Valvuloplasty for Dogs with Subaortic Stenosis</i> Dr. Amara H. Estrada, DVM; University of Florida Program Area: Treatment Project Dates: 1/1/2009 to 12/31/2010; Grant Amount: \$37,303.34	DAF	11/5/2009	\$1,000.00
<i>01152: Liposomal Bisphosphonate Therapy for Malignant Histiocytosis</i> Dr. Steven W. Dow, DVM PhD; Colorado State University Program Area: Treatment Project Dates: 1/1/2009 to 12/31/2011; Grant Amount: \$47,277.90	DAF	11/5/2009	\$1,000.00
<i>01232-A: Investigation of NF-kB as a Therapeutic Target in Canine Lymphoma</i> Dr. Nicola J Mason, BVetMed, PhD; University of Pennsylvania Program Area: Treatment Project Dates: 3/1/2009 to 8/31/2010; Grant Amount: \$12,358.37	DAF	11/5/2009	\$500.00

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00935B: Positional Cloning of Two Genes for Malignant Histiocytosis (MH) in the Bernese Mountain Dog Dr. Catherine Andre, PhD; CNRS - University of Rennes Program Area: Prevention Project Dates: 9/1/2008 to 7/31/2010; Grant Amount: \$86,400.00	DAF	11/5/2009	\$1,000.00
00975: Characterization and Modulation of Canine Mast Cell Derived Eicosanoids Dr. Cheryl A. London, DVM PhD; Ohio State University Program Area: Treatment Project Dates: 4/1/2008 to 3/31/2010; Grant Amount: \$34,363.00	DAF	11/5/2009	\$1,000.00
00976: Investigating the Role of STAT3 Activation in Canine Osteosarcoma Dr. Cheryl A. London, DVM PhD; Ohio State University Program Area: Treatment Project Dates: 4/1/2008 to 3/31/2010; Grant Amount: \$44,361.00	DAF	11/5/2009	\$1,000.00
00982: Evaluation of Efficacy of Fasaret in Dogs with Osteosarcoma Dr. Don Bellgrau, Ph.D.; ApopLogic Pharmaceuticals, LLC Program Area: Treatment Project Dates: 4/1/2008 to 3/31/2010; Grant Amount: \$199,692.00	DAF	11/5/2009	\$1,000.00
01231-A: Prevalence and Localization of Bartonella spp. in Vascular Tumors from Dogs Dr. Edward B Breitschwerdt, DVM; North Carolina State University Program Area: Treatment Project Dates: 4/1/2009 to 3/31/2010; Grant Amount: \$10,800.00	DAF	11/5/2009	\$1,000.00
01131: Genetic Background and the Angiogenic Phenotype in Cancer Dr. Jaime F Modiano, VMD, PhD; University of Minnesota Program Area: Oncology - Hemangiosarcoma Project Dates: 1/1/2010 to 6/30/2013; Grant Amount: \$254,871.00	DAF	8/26/2009	\$20,000.00
01147: Identifying Mutations in Genes Associated with Canine Hemangiosarcoma Dr. Chieko Azuma, DVM, PhD, ACVR (Radiation Oncology), CPIA; Tufts University Program Area: Prevention Project Dates: 1/1/2009 to 6/30/2010; Grant Amount: \$74,332.47	DAF	8/26/2009	\$4,589.90
00591: In Vitro Effects of the Milk Thistle Extract Silibinin in Canine Tumor Cells Dr. Douglas H Thamm, VMD; Colorado State University Program Area: Treatment Project Dates: 4/1/2006 to 3/31/2007; Grant Amount: \$24,215.00		1/26/2009	\$0.00

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00947A: Heritable and Sporadic Genetic Lesions in Canine Osteosarcoma Dr. Matthew Breen, PhD; North Carolina State University Program Area: Oncology - Osteosarcoma Project Dates: 8/1/2008 to 11/30/2011; Grant Amount: \$147,482.64	DAF	4/14/2008	\$15,000.00
00947B: Heritable and Sporadic Genetic Lesions in Canine Osteosarcoma Dr. Jaime F Modiano, VMD, PhD; University of Minnesota Program Area: Oncology - Osteosarcoma Project Dates: 7/1/2008 to 12/31/2010; Grant Amount: \$184,443.00	DAF	4/14/2008	\$0.00
00888-A: Generation of Canine Single Chain Fragment Variable Antibody Libraries for the Identification and Targeting of Tumor-Associated Antigens in the Dog Dr. Nicola J Mason, BVetMed, PhD; University of Pennsylvania Program Area: Treatment Project Dates: 2/1/2007 to 1/31/2008; Grant Amount: \$12,876.00	Cash	1/14/2008	\$1,000.00
00837-A: Prognostic Significance of Ezrin Expression in Canine High-Grade Soft Tissue Sarcoma Dr. Kathryn Vickery, VMD; Colorado State University Program Area: Treatment Project Dates: 9/1/2006 to 8/31/2007; Grant Amount: \$8,165.00	DAF	1/14/2008	\$1,000.00
00826-A: Percutaneous Cryoablation in Canine Osteosarcoma Dr. Dale Bjorling, DVM; University of Wisconsin, Madison Program Area: Treatment Project Dates: 8/1/2006 to 7/31/2007; Grant Amount: \$10,074.63	DAF	1/14/2008	\$1,000.00
00613: The Prognostic Significance of Chromosome Aneuploidy in Canine Lymphoma Dr. Matthew Breen, PhD; North Carolina State University Program Area: Prevention Project Dates: 8/1/2008 to 7/31/2011; Grant Amount: \$113,929.00	DAF	1/14/2008	\$5,000.00
00757A: Hereditary Mutations in Genes Associated with Osteosarcoma in Large Dog Breeds Dr. Kerstin Lindblad-Toh, PhD; Broad Institute Program Area: Prevention Project Dates: 4/1/2007 to 9/30/2009; Grant Amount: \$91,481.04	DAF	1/14/2008	\$10,000.00
00779: Characterization of the Canine Y Chromosome: Identifying Genes that Cause Male Infertility Dr. William J. Murphy, PhD; Texas A&M University Program Area: Prevention Project Dates: 7/1/2007 to 12/31/2009; Grant Amount: \$203,344.00	DAF	12/15/2006	\$500.00

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<i>00779: Characterization of the Canine Y Chromosome: Identifying Genes that Cause Male Infertility</i> Dr. William J. Murphy, PhD; Texas A&M University Program Area: Prevention Project Dates: 7/1/2007 to 12/31/2009; Grant Amount: \$203,344.00	DAF	12/15/2006	\$500.00
<i>00790: MicroRNA Profiling and MicroRNA-Based Treatment of Canine Cancers</i> Dr. William C Kisseberth, DVM PhD; Ohio State University Program Area: Oncology Project Dates: 4/1/2007 to 12/31/2012; Grant Amount: \$94,290.22	DAF	12/15/2006	\$1,250.00
<i>00790: MicroRNA Profiling and MicroRNA-Based Treatment of Canine Cancers</i> Dr. William C Kisseberth, DVM PhD; Ohio State University Program Area: Oncology Project Dates: 4/1/2007 to 12/31/2012; Grant Amount: \$94,290.22	DAF	12/15/2006	\$1,250.00
<i>00768: A Collaborative Study by Veterinary Oncologists, Pathologists and Diagnostic Laboratories to Enhance the Detection, Diagnosis and Treatment of Canine Lymphoma</i> Dr. Ted Valli, DVM; University of Illinois Program Area: Oncology - Lymphoma Project Dates: 7/1/2007 to 12/31/2012; Grant Amount: \$40,816.14	DAF	12/15/2006	\$1,000.00
<i>00760: Cellular Genomics- Molecular Cytogenetic Investigation of Canine Soft Tissue Sarcomas</i> Dr. Matthew Breen, PhD; North Carolina State University Program Area: Prevention Project Dates: 10/1/2007 to 9/30/2009; Grant Amount: \$135,963.00	DAF	12/15/2006	\$7,500.00
<i>00760: Cellular Genomics- Molecular Cytogenetic Investigation of Canine Soft Tissue Sarcomas</i> Dr. Matthew Breen, PhD; North Carolina State University Program Area: Prevention Project Dates: 10/1/2007 to 9/30/2009; Grant Amount: \$135,963.00	DAF	12/15/2006	\$7,500.00
<i>00778: Role of Regulatory T Cells in Dogs with Osteosarcoma</i> Dr. Barbara J Biller, D.V.M.; Colorado State University Program Area: Treatment Project Dates: 4/1/2007 to 9/30/2009; Grant Amount: \$67,388.48	DAF	12/15/2006	\$1,500.00
<i>00678: Generation and Analysis of Canine Bone Marrow Derived Mast Cells</i> Dr. Cheryl A. London, DVM PhD; Ohio State University Program Area: Treatment Project Dates: 4/1/2006 to 3/31/2007; Grant Amount: \$56,345.62	DAF	3/6/2006	\$4,000.00

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00705-A: Characterization of Fluorine-18-Fluorodeoxyglucose Uptake in Dogs with Cutaneous Mast Cell Tumor and Malignant Lymphoma Dr. Amy K LeBlanc, DVM; University of Tennessee Program Area: Treatment Project Dates: 1/1/2006 to 12/31/2006; Grant Amount: \$12,922.00	DAF	3/5/2006	\$500.00
00593A: Mapping Genes Associated with Canine Hemangiosarcoma Dr. Kerstin Lindblad-Toh, PhD; Broad Institute Program Area: Prevention Project Dates: 4/1/2006 to 9/30/2008; Grant Amount: \$141,266.59	DAF	3/5/2006	\$5,000.00
00615A-T: Heritable and Sporadic Genetic Lesions in Canine Lymphoma Dr. Jaime F Modiano, VMD, PhD; University of Minnesota Program Area: Prevention Project Dates: 10/1/2007 to 3/31/2009; Grant Amount: \$77,066.00	DAF	1/19/2006	\$2,500.00
00615A-T: Heritable and Sporadic Genetic Lesions in Canine Lymphoma Dr. Jaime F Modiano, VMD, PhD; University of Minnesota Program Area: Prevention Project Dates: 10/1/2007 to 3/31/2009; Grant Amount: \$77,066.00	DAF	1/9/2006	\$2,500.00
00632: MicroRNAs and Canine Lymphoma Dr. William C Kisseberth, DVM PhD; Ohio State University Program Area: Treatment Project Dates: 10/1/2005 to 9/30/2010; Grant Amount: \$98,766.00	DAF	1/9/2006	\$850.00
00632: MicroRNAs and Canine Lymphoma Dr. William C Kisseberth, DVM PhD; Ohio State University Program Area: Treatment Project Dates: 10/1/2005 to 9/30/2010; Grant Amount: \$98,766.00	DAF	1/9/2006	\$850.00
00615B: Heritable and Sporadic Genetic Lesions in Canine Lymphoma Dr. Matthew Breen, PhD; North Carolina State University Program Area: Prevention Project Dates: 8/1/2008 to 7/31/2011; Grant Amount: \$149,369.00	DAF	1/9/2006	\$0.00
00372: Determination of Breed-Specific Reference Ranges for Assessing Thyroid Function in Several Breeds Dr. Rebecca L. Davies, PhD; University of Minnesota Program Area: Endocrinology Project Dates: 7/1/2005 to 6/30/2010; Grant Amount: \$91,350.00	DAF	4/23/2005	\$7,348.00
00372: Determination of Breed-Specific Reference Ranges for Assessing Thyroid Function in Several Breeds Dr. Rebecca L. Davies, PhD; University of Minnesota Program Area: Endocrinology Project Dates: 7/1/2005 to 6/30/2010; Grant Amount: \$91,350.00	DAF	4/23/2005	\$7,348.00

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00373A: Mapping Genes Associated with Osteosarcoma in Large Dog Breeds Dr. Kerstin Lindblad-Toh, PhD; Broad Institute Program Area: Prevention Project Dates: 1/1/2005 to 12/31/2006; Grant Amount: \$105,592.00	DAF	3/11/2005	\$2,500.00
00373A: Mapping Genes Associated with Osteosarcoma in Large Dog Breeds Dr. Kerstin Lindblad-Toh, PhD; Broad Institute Program Area: Prevention Project Dates: 1/1/2005 to 12/31/2006; Grant Amount: \$105,592.00	DAF	3/11/2005	\$2,500.00
00336B: Mapping of the Gene for Malignant Histiocytosis in the Bernese Mountain Dog Dr. Francis Galibert, PhD; CNRS - University of Rennes Program Area: Prevention Project Dates: 4/1/2005 to 3/31/2007; Grant Amount: \$145,300.00	DAF	12/9/2004	\$2,500.00
00390: Extended Medical Surveillance of Dogs Deployed to the World Trade Center and the Pentagon Dr. Cynthia M. Otto, DVM, PhD; University of Pennsylvania Program Area: General Canine Health and Obesity Project Dates: 1/1/2006 to 12/31/2008; Grant Amount: \$75,120.00	DAF	12/9/2004	\$3,500.00
00415: Anti-HLA-DR Antibody Therapy in Canine B-cell Lymphoma: Preliminary Clinical Evaluation Dr. Rodney Page, DVM; Cornell University Program Area: Treatment Project Dates: 10/1/2004 to 9/30/2005; Grant Amount: \$32,970.00	DAF	12/9/2004	\$2,500.00
00349: Genetic Epidemiology of Cancer in the Golden Retriever Dr. K. Ann Jeglum, DVM; The Wistar Institute Program Area: Prevention Project Dates: 7/1/2005 to 6/30/2008; Grant Amount: \$26,644.00	DAF	12/9/2004	\$13,322.00
00305: Histocompatibility Alleles Conferring Susceptibility to Canine Diabetes, Immune-Mediated Thyroiditis and Immune-Mediated Hemolytic Anemia Dr. Wayne Potts, PhD; University of Utah Program Area: Prevention Project Dates: 7/1/2004 to 6/30/2006; Grant Amount: \$120,960.00	DAF	9/15/2004	\$1,250.00
00305: Histocompatibility Alleles Conferring Susceptibility to Canine Diabetes, Immune-Mediated Thyroiditis and Immune-Mediated Hemolytic Anemia Dr. Wayne Potts, PhD; University of Utah Program Area: Prevention Project Dates: 7/1/2004 to 6/30/2006; Grant Amount: \$120,960.00	DAF	9/15/2004	\$1,250.00

Grant and Research Program Area	Fund	Commitment Date	Support Amount
00267: Investigation into Combined Molecular Approaches to Treat Hemangiosarcoma Dr. David J. Argyle, PhD; University of Wisconsin, Madison Program Area: Treatment Project Dates: 7/1/2004 to 6/30/2005; Grant Amount: \$105,840.00	DAF	4/8/2004	\$2,500.00
00267: Investigation into Combined Molecular Approaches to Treat Hemangiosarcoma Dr. David J. Argyle, PhD; University of Wisconsin, Madison Program Area: Treatment Project Dates: 7/1/2004 to 6/30/2005; Grant Amount: \$105,840.00	DAF	4/8/2004	\$2,500.00
00249: Genomics of Canine Brain Neoplasia Dr. Matthew Breen, PhD; North Carolina State University Program Area: Prevention Project Dates: 10/1/2004 to 9/30/2006; Grant Amount: \$123,579.00	DAF	4/8/2004	\$2,500.00
00237: Molecular Epidemiology of Ehrlichia and Bartonella spp. Infection in Golden Retrievers with Lymphoma Dr. Edward B Breitschwerdt, DVM; North Carolina State University Program Area: Prevention Project Dates: 7/1/2004 to 6/30/2006; Grant Amount: \$46,700.00	DAF	4/8/2004	\$11,675.00
00237: Molecular Epidemiology of Ehrlichia and Bartonella spp. Infection in Golden Retrievers with Lymphoma Dr. Edward B Breitschwerdt, DVM; North Carolina State University Program Area: Prevention Project Dates: 7/1/2004 to 6/30/2006; Grant Amount: \$46,700.00	DAF	4/8/2004	\$11,675.00
0002447: Genetic Determinants of Susceptibility to Hypothyroid Disease in Dogs Dr. George Happ, PhD; University of Alaska, Fairbanks Program Area: Prevention Project Dates: 10/1/2003 to 9/30/2004; Grant Amount: \$60,473.00	DAF	4/8/2004	\$2,500.00
00212B: Development of a New Resource for Positional Cloning of Hip Dysplasia Genes: A High Density SNP Map of Canine Chromosome One Dr. Francis Galibert, PhD; CNRS - University of Rennes Program Area: Prevention Project Dates: 4/1/2004 to 3/31/2006; Grant Amount: \$100,000.00	DAF	4/8/2004	\$2,500.00
00272: Oligonucleotide Microarray Gene Expression Profiling of Canine Lymphoma Dr. William C Kisseberth, DVM PhD; Ohio State University Program Area: Prevention Project Dates: 7/1/2004 to 6/30/2006; Grant Amount: \$97,200.00	DAF	4/8/2004	\$2,500.00

Grant and Research Program Area	Fund	Commitment Date	Support Amount
0002667: Cellular Genomics - Molecular Cytogenetic Investigation of Canine Soft Tissue Sarcomas Dr. Matthew Breen, PhD; North Carolina State University Program Area: Prevention Project Dates: 4/1/2004 to 3/31/2006; Grant Amount: \$99,504.00	DAF	4/18/2003	\$10,000.00
0002434: Recombinant Thyrotropin (TSH): Standard for the Next Generation of Canine TSH Immunoassays with Improved Sensitivity Dr. Duncan Ferguson, DVM PhD; University of Georgia Program Area: Treatment Project Dates: 1/1/2004 to 12/31/2006; Grant Amount: \$97,170.74	DAF	4/18/2003	\$2,600.00
0002629: Clinical and Immunological Outcomes in Dogs with Osteosarcoma Treated with Intratumoral Interleukin-12 Microspheres Dr. Stuart Helfand, DVM; University of Wisconsin, Madison Program Area: Treatment Project Dates: 1/1/2004 to 12/31/2005; Grant Amount: \$43,800.03	DAF	4/18/2003	\$6,000.00
0002646: Characterization of Receptor Tyrosine Kinase Dysfunction in Malignant Histiocytosis Dr. Cheryl A. London, DVM PhD; University of California, Davis Program Area: Treatment Project Dates: 10/1/2003 to 9/30/2005; Grant Amount: \$28,397.25	DAF	4/18/2003	\$10,000.00
0002616: Molecular Analysis of Contributory Factors of Osteoarthritis in Canine Hip Dysplasia Dr. Alpana Ray, PhD; University of Missouri, Columbia Program Area: Treatment Project Dates: 4/1/2004 to 3/31/2006; Grant Amount: \$46,100.00	DAF	4/18/2003	\$3,000.00
0002465: Identification and Characterization of Genetic Mutations in Canine Mast Cell Tumors Dr. Cheryl A. London, DVM PhD; University of California, Davis Program Area: Prevention Project Dates: 4/1/2003 to 3/31/2005; Grant Amount: \$57,212.50	DAF	9/24/2002	\$9,800.00
00022101: Development of Anti-Canine IL-2Ra Antibodies Using CpG Oligodeoxynucleotide Vaccination Dr. Stuart Helfand, DVM; University of Wisconsin, Madison Program Area: Treatment Project Dates: 1/1/2003 to 12/31/2004; Grant Amount: \$64,143.42	DAF	2/7/2002	\$5,500.00
0002336: Medical Surveillance of Dogs Deployed to the World Trade Center and the Pentagon Dr. Cynthia M. Otto, DVM, PhD; University of Pennsylvania Program Area: Prevention Project Dates: 1/1/2002 to 12/31/2004; Grant Amount: \$280,929.68	Cash	1/22/2002	\$500.00

Grant and Research Program Area	Fund	Commitment Date	Support Amount
0002254A: Heritable and Sporadic Genetic Lesions in Canine Lymphoma and Osteosarcoma Dr. Jaime F Modiano, VMD, PhD; AMC Cancer Research Center Program Area: Prevention Project Dates: 5/1/2002 to 6/30/2005; Grant Amount: \$287,633.00	DAF	8/31/2001	\$10,000.00
0002254A: Heritable and Sporadic Genetic Lesions in Canine Lymphoma and Osteosarcoma Dr. Jaime F Modiano, VMD, PhD; AMC Cancer Research Center Program Area: Prevention Project Dates: 5/1/2002 to 6/30/2005; Grant Amount: \$287,633.00	DAF	8/31/2001	\$20,000.00
0002232: Cricopharyngeal Dysphagia in the Golden Retriever Dr. Margret L Casal, DVM, PhD; University of Pennsylvania Program Area: Prevention Project Dates: 11/7/2001 to 12/31/2003; Grant Amount: \$19,272.00	DAF	7/30/2001	\$9,636.00
0002277: Identification of the Genetic Cause or Causes for Cataracts in Several Breeds Dr. George J. Brewer, MD; University of Michigan Program Area: Prevention Project Dates: 1/1/2002 to 12/31/2004; Grant Amount: \$70,000.00	DAF	7/30/2001	\$3,000.00
0002155E: Genes, Dogs and Cancer: Emerging Concepts in Molecular Diagnosis and Therapy Dr. Jaime F Modiano, VMD, PhD; University of Colorado Program Area: Prevention Project Dates: 2/1/2001 to 12/31/2001; Grant Amount: \$57,380.00	DAF	3/14/2001	\$2,500.00
0001626T: Significance of Tumor Suppressor Genes in Canine Cancer Dr. Jaime F Modiano, VMD, PhD; University of Colorado Program Area: Treatment Project Dates: 11/12/1999 to 8/31/2000; Grant Amount: \$93,570.63	DAF	9/25/2000	\$4,175.00
0001419: Inheritance and Molecular Genetic Evaluation in Newfoundlands and Golden Retrievers with Subvalvular Aortic Stenosis Dr. Kathryn M Meurs, DVM, PhD; Ohio State University Program Area: Prevention Project Dates: 9/15/1997 to 9/14/2000; Grant Amount: \$47,506.00	DAF	3/5/1998	\$6,000.00
0002044: Ultrasonic and Cytologic Evaluation of the Thyroid Gland in Golden Retriever Dogs Dr. Richard Nelson, DVM; University of California, Davis Program Area: Treatment Project Dates: 9/1/2000 to 9/30/2001; Grant Amount: \$8,320.00	DAF		\$4,160.00

Grant and Research Program Area	Fund	Commitment Date	Support Amount
<i>0002035: Transferrin Receptor Expression by Canine Brain Tumors</i> Dr. Natasha J Olby, VetMB PhD; North Carolina State University Program Area: Treatment Project Dates: 7/17/2000 to 9/30/2001; Grant Amount: \$16,250.00	DAF		\$477.00
<i>0002038T: The Molecular Cytogenetics of Canine Lymphosarcoma: Correlating Chromosomal Changes with Clinical Disease</i> Dr. Matthew Breen, PhD; North Carolina State University Program Area: Prevention Project Dates: 9/30/2002 to 9/30/2003; Grant Amount: \$66,781.68	DAF		\$1,600.00
<i>0002025: Growth Signaling Pathways in the Pathogenesis and Treatment of Canine Cancer</i> Dr. Stuart Helfand, DVM; University of Wisconsin, Madison Program Area: Treatment Project Dates: 8/1/2000 to 9/30/2002; Grant Amount: \$162,122.00	DAF		\$1,684.00
<i>0002012: Development of PCR Multiplexed Canine Marker Panels for the Purposes of Genome Screening and Linkage Analysis</i> Dr. Marcia Eggleston, PhD; University of California, Davis Program Area: Prevention Project Dates: 7/19/2000 to 9/30/2002; Grant Amount: \$130,000.00	DAF		\$2,500.00
Total Golden Retriever Foundation (116 items)			\$1,583,907.70