AKC Canine Health Foundation

Research Support History

American Shetland Sheepdog Association

September 8, 2025

Grant and Research Program Area	Fund	Commitment Date	Support Amount
03281-MOU: Kidney Disease In Shetland Sheepdogs Dr. Mary B Nabity, DVM, PhD; Texas A&M University Program Area: Kidney & Urological Disease Project Dates: 9/1/2024 to 8/31/2026; Grant Amount: $61,248.00	DAF	6/11/2024	$66,888.50
10290: General Canine Health Research Program Area Support AKC Canine Health Foundation Program Area: General Canine Health	DAF	3/31/2023	$233.31
02921-MOU: Transcriptome profiling of canine familial dermatomyositis skin lesions and treatment with a JAK inhibitor identifies novel pathways involved in pathogenesis Dr. Frane Banovic, DVM, PhD; University of Georgia Program Area: Dermatology and Allergic Disease Project Dates: 4/1/2021 to 9/30/2023; Grant Amount: $50,554.25	DAF	2/18/2021	$14,750.00
02544: Medical Resolution of Gallbladder Mucocele Formation in Dogs Dr. Jody L. Gookin DVM, PhD, DACVIM, - Not Listed -; North Carolina State University Program Area: Hepatic Disease Project Dates: 10/1/2019 to 9/30/2025; Grant Amount: $222,333.00	DAF	9/29/2020	$2,500.00
02800: Defining the Effect of Genotype, Breed and Age on the Risk of Developing Canine Degenerative Myelopathy and Investigating the Molecular Mechanisms Underlying That Risk. Dr. Joan R. Coates, DVM, MS, DACVIM; University of Missouri - Office of Sponsored Programs Administration Program Area: Neurology Project Dates: 4/1/2020 to 12/31/2024; Grant Amount: $108,000.00	DAF	9/29/2020	$2,500.00
02544: Medical Resolution of Gallbladder Mucocele Formation in Dogs Dr. Jody L. Gookin DVM, PhD, DACVIM, - Not Listed -; North Carolina State University Program Area: Hepatic Disease Project Dates: 10/1/2019 to 9/30/2025; Grant Amount: $222,333.00	DAF	10/1/2019	$20,000.00

Grant and Research Program Area	Fund	Commitment Date	Support Amount
10210: Epilepsy Research Program Area Support AKC Canine Health Foundation Program Area: Epilepsy	DAF	4/18/2019	$2,500.00
02500: Immune targeting of the V600E B-Raf neo-antigen in canine urothelial carcinoma Dr. Nicola J Mason, BVetMed, PhD; Penn Vet Working Dog Center, University of Pennsylvania Program Area: Oncology - General Project Dates: 2/1/2018 to 1/31/2021; Grant Amount: $109,887.57	DAF	4/18/2019	$2,500.00
01986: Metabolic and Transcriptional Biomarkers of Cholesterol and Lipid Imbalance in Dogs with and Without Diagnosis of a Gallbladder Mucocele Dr. Jody L. Gookin DVM, PhD, DACVIM, - Not Listed -; North Carolina State University Program Area: Hepatic Disease Project Dates: 1/1/2014 to 12/31/2020; Grant Amount: $135,354.00	DAF	4/18/2019	$2,500.00
02644-A: Evaluation of gallbladder motility assessed via ultrasonography in dogs with hyperlipidemia Dr. Stefanie DeMonaco, DVM, MS; Virginia-Maryland College of Veterinary Medicine Program Area: Hepatic Disease Project Dates: 2/1/2019 to 1/31/2021; Grant Amount: $9,148.40	DAF	4/18/2019	$2,500.00
10210: Epilepsy Research Program Area Support AKC Canine Health Foundation Program Area: Epilepsy	DAF	5/1/2018	$2,500.00
02500: Immune targeting of the V600E B-Raf neo-antigen in canine urothelial carcinoma Dr. Nicola J Mason, BVetMed, PhD; Penn Vet Working Dog Center, University of Pennsylvania Program Area: Oncology - General Project Dates: 2/1/2018 to 1/31/2021; Grant Amount: $109,887.57	DAF	5/1/2018	$2,500.00
10210: Epilepsy Research Program Area Support AKC Canine Health Foundation Program Area: Epilepsy	DAF	8/17/2017	$5,000.00
02261-MOU: Improvement of Risk Assessments for Dermatomyositis Testing Dr. Leigh Anne Clark, PhD; Clemson University Program Area: Dermatology and Allergic Disease Project Dates: 4/1/2016 to 3/31/2017; Grant Amount: $11,704.00	DAF	3/1/2016	$11,704.00

Grant and Research Program Area	Fund	Commitment Date	Support Amount
01986: Metabolic and Transcriptional Biomarkers of Cholesterol and Lipid Imbalance in Dogs with and Without Diagnosis of a Gallbladder Mucocele Dr. Jody L. Gookin DVM, PhD, DACVIM, - Not Listed -; North Carolina State University Program Area: Hepatic Disease Project Dates: 1/1/2014 to 12/31/2020; Grant Amount: $135,354.00	DAF	12/1/2014	$2,500.00
01986: Metabolic and Transcriptional Biomarkers of Cholesterol and Lipid Imbalance in Dogs with and Without Diagnosis of a Gallbladder Mucocele Dr. Jody L. Gookin DVM, PhD, DACVIM, - Not Listed -; North Carolina State University Program Area: Hepatic Disease Project Dates: 1/1/2014 to 12/31/2020; Grant Amount: $135,354.00	DAF	10/3/2013	$35,000.00
01766: Identifying disease related genes in renal dysplasia in Boxers and additional breeds. Dr. Kerstin Lindblad-Toh, PhD; Broad Institute Program Area: Kidney & Urological Disease Project Dates: 1/1/2013 to 6/30/2015; Grant Amount: $25,000.00	DAF	8/20/2013	$2,500.00
01849: Improve the dog gene annotation via next-generation sequencing analysis Dr. Shaying Zhao, PhD; University of Georgia Research Foundation, Inc Program Area: Oncology - General Project Dates: 1/1/2013 to 12/31/2014; Grant Amount: $108,000.00	DAF	8/20/2013	$2,500.00
01577: Fine Mapping of Loci for Transitional Cell Carcinoma in the Scottish Terrier, West Highland White Terrier, and Shetland Sheepdog Dr. Elaine A Ostrander, PhD; National Human Genome Research Institute Program Area: Oncology - General Project Dates: 1/1/2012 to 6/30/2014; Grant Amount: $36,452.00	DAF	1/9/2012	$2,500.00
01615: Identification of Idiopathic Epilepsy Genes in Australian Shepherds Dr. Ned E. Patterson, DVM PhD; Regents of the University of Minnesota Program Area: Epilepsy Project Dates: 1/1/2012 to 12/31/2014; Grant Amount: $106,288.83	DAF	1/9/2012	$2,500.00
01418: PET 2.0: Providing Engineered T-cells (PET): New Genetic and Immunotherapy Targeting Canines with Spontaneous B-cell Lymphoma Dr. Heather M. Wilson-robles, DVM; Texas A&M Research Foundation Program Area: Oncology - Lymphoma Project Dates: 1/1/2011 to 12/31/2018; Grant Amount: $143,440.19	DAF	9/30/2011	$2,500.00

Grant and Research Program Area	Fund	Commitment Date	Support Amount
00762: The Mapping and Characterization of Canine Epilepsy Loci Dr. Gary S. Johnson, DVM, PhD; University of Missouri, Columbia Program Area: Epilepsy Project Dates: 10/1/2008 to 9/30/2010; Grant Amount: $129,600.00	DAF	10/11/2010	$2,500.00
01336A: Finding the Mutations that Increase Susceptibility to Transitional Cell Carcinoma in the Scottish Terrier, West Highland Terrier, and Shetland Sheepdog Dr. Deborah W Knapp, DVM, MS; Purdue University College of Veterinary Medicine Program Area: Oncology - General Project Dates: 1/1/2010 to 12/31/2011; Grant Amount: $48,648.67	DAF	7/20/2010	$10,000.00
00762: The Mapping and Characterization of Canine Epilepsy Loci Dr. Gary S. Johnson, DVM, PhD; University of Missouri, Columbia Program Area: Epilepsy Project Dates: 10/1/2008 to 9/30/2010; Grant Amount: $129,600.00	DAF	7/20/2010	$2,500.00
01262: Sequencing and Functional Analysis of the Canine Y Chromosome 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	7/20/2010	$2,500.00
01248: Whole Genome Association Analyses for Cryptorchidism in Dogs Dr. Max F. Rothschild, PhD; Iowa State University Program Area: Reproductive Conditions and Disease Project Dates: 1/1/2010 to 12/31/2010; Grant Amount: $74,036.11	DAF	7/20/2010	$2,500.00
00748: SNP Association Mapping for Canine Epilepsy Dr. Ned E. Patterson, DVM PhD; Regents of the University of Minnesota Program Area: Epilepsy Project Dates: 4/1/2007 to 3/31/2011; Grant Amount: $235,872.00	Cash	8/31/2009	$1,000.00
00779: Characterization of the Canine Y Chromosome: Identifying Genes that Cause Male Infertility Dr. William J. Murphy, PhD; Texas A&M University Program Area: Reproductive Conditions and Disease Project Dates: 7/1/2007 to 12/31/2009; Grant Amount: $203,344.00	Cash	8/31/2009	$2,500.00
00754A: Mapping of the Gene for Transitional Cell Carcinoma in the Scottish Terrier & West Highland White Terrier Dr. Deborah W Knapp, DVM, MS; Purdue University College of Veterinary Medicine Program Area: Oncology - General Project Dates: 4/1/2007 to 3/31/2009; Grant Amount: $102,400.66	DAF	6/8/2008	$2,500.00

Grant and Research Program Area	Fund	Commitment Date	Support Amount
00882-A: Genetics of Cryptorchidism in Dogs Dr. Alexander I. Agoulnik, PhD; Baylor College of Medicine Program Area: Reproductive Conditions and Disease Project Dates: 2/1/2007 to 1/30/2008; Grant Amount: $12,960.00	DAF	6/8/2008	$1,000.00
01018-A: Comparative Gene Discovery for Canine Cryptorchidism Dr. Max F. Rothschild, PhD; Iowa State University Program Area: Reproductive Conditions and Disease Project Dates: 10/1/2007 to 9/30/2008; Grant Amount: $12,960.00	DAF	6/8/2008	$730.00
0001841: Mapping the Dermatomyositis Gene in Shetland Sheepdogs Dr. Patricia Wilkie, PhD; Regents of the University of Minnesota Program Area: Dermatology and Allergic Disease Project Dates: 7/9/1999 to 7/8/2000; Grant Amount: $8,738.18	Cash	1/1/2000	$10,000.00
Total American Shetland Sheepdog Association (32 items)			$226,305.81