

Poster Session I - Friday August 7th 10:00am - 12:00pm

Poster Number	First Author	Title
1-1	Ackerman, Melissa	Effects of maternal GnRH antibody transfer on reproductive development in elk calves
1-2	Alber, Michael	Effect of metacarpophalangeal joint extension on the vascular supply of the distal palmar metacarpal condyles and the proximal sesamoid bones
1-3	Andre, Nichole	Seeking associations between candidate genes and feline calcium oxalate urolithiasis
1-4	Arango, Johnathan	A biomechanical evaluation of the contribution of drop wires to the stiffness of single ring circular external skeletal fixator constructs
1-5	Archer, Emily	Antibodies are required for prostaglandin E2 production after intestinal ischemia/reperfusion-induced lipid changes
1-6	Ardis, Kathryn	Fine-mapping chromosome 20 in Giant Schnauzer congenital hypothyroidism
1-7	Backstrom, Marcia	Sensitivity of thromboelastography and partial thromboplastin time to canine factor VIII deficiency
1-8	Balog, Blake	Conservation of a threatened Canadian species: Ovarian synchronization in wood bison (<i>Bison bison athabascae</i>)
1-9	Baxter, Kelly	Effects of overexpression and knockdown of canine Mdm2 in MDCK cells
1-10	Beard, Adam	PCR detection and sequence identification of multiple zoonotic <i>Bartonella</i> species in the blood of feral swine
1-11	Behan, Shawn	Culture and characterization of rabbit dendritic cells from monocyte precursors in peripheral blood
1-12	Bencivenga, Michael	The pathological affect of alpha 1 AMPK KO mice
1-13	Best, Lori Jean	Bioavailability studies of a novel <i>Francisella tularensis</i> antimicrobial agent
1-14	Bloch, Jacqueline	Imaging and efficacy of internal teat sealants
1-15	Bockenstedt, Marie	Development of an in vivo diagnostic for Johne's disease using a microELISA chip printed with anti-IFN- γ antibodies
1-16	Bolton, Timothy	Detection of strain variation in isolates of <i>Rhodococcus equi</i> from an affected foal using rep-PCR
1-17	Bowman, Contessa	Target chicken embryo tissues for RCA-free adenovirus-vectored vaccines delivered in ovo
1-18	Brewer, Matthew	Assessment and mitigation of salmonella hypervirulence mediated by rumen protozoa
1-19	Brinkerhoff, John	The relationship between DNA quality, motility, morphology and fertility in fresh and slow cooled stallion sperm
1-20	Burdette, Erin	Initial characterization of miRNA profiles in canine lymphoma
1-21	Burks, Lukina	Dual Potency of Anti-HER2/neu and Anti-EGFR Anthracycline-Immunoconjugates in Chemotherapeutic- Resistant Mammary Carcinoma Combined with Cyclosporin-A and Verapamil P-glycoprotein Inhibition
1-22	Burrell, Caitlin	Microparasites and disease in the Greater Prairie-chicken in Kansas
1-23	Bushey, Jennifer	5-lipoxygenase prevalence and inhibition in feline squamous cell carcinoma
1-24	Caldwell, Jennifer	Fecal cortisol and IgA determinations as indicators of stress and immunosuppression in shelter cats
1-25	Caltagarene, Breanna	Identifying in vivo molecular targets of the fluorescent anesthetic 1-aminoanthracene via spectral deconvolution and confocal

		microscopy techniques
1-26	Cassano, Jennifer	GTPase activating proteins in equine articular chondrocytes
1-27	Castañeda, Julián	Mouse parvovirus-1 induced cytokine expression in embryonic day 17 mice
1-28	Centini, Ryan	Cardiac findings in American Quarter Horses with hereditary Equine regional dermal asthenia
1-29	Charles, Debbie	Biocontrol of the litter beetle, <i>Alphitobius diaperinus</i> , to prevent the spread of Salmonella in poultry houses
1-30	Chemerys, Daniellé	Channel catfish virus: Biological and antigenic diversity
1-31	Christakos, Jaclyn	Migration of bone marrow derived mesenchymal stem cells in a dilute fibrin matrix on cartilage and meniscus
1-32	Cua, Caroline	A combinatorial genomic and histopathology approach to studying the effect of surfactant protein A on fungal growth and pathogenesis
1-33	Cupples, Catherine	Anti-myostatin gene therapy for muscle repair
1-34	Dahm, Nicole	Evaluating the potential for the ALS2 cell-surface glycoprotein to function in <i>Candida albicans</i> cell growth and division
1-35	Dantas, Sonia	Development of two mammalian cell lines expressing HIV protein, gp120, for investigation of cannabinoid-mediated immune modulation
1-36	Darby, Jennifer	Gap junctional intercellular communication of normal, dysplastic, and neoplastic feline mammary tissues
1-37	Davies, Jennifer	Effect of autologous stem cell therapy using Adenovirus and Adeno-associated virus vectors after an acute myocardial infarction in a porcine model
1-38	Dears, Kimberly	Caring for both ends of the leash: The effects of owners visiting their dogs hospitalized in an intensive care unit
1-39	DeLong, Kristin	Fibrocyte effect on septic T-cell proliferation and activation in vitro
1-40	Dillon, Sara	The expression of novel stem cell markers in the breast as they relate to mammary gland development and risk for carcinogenesis using the macaque model
1-41	Dingfelder, Haley	Effect of a 24-hour fast on glucose regulation in healthy horses: Comparison of 2 methods
1-42	Doud, Janel	Effect of treatment with bleomycin and interleukin 12 gene on white cell counts and tissue T-cell populations
1-43	Dow, Caitlin	Investigations into the etiology of canine lymphoma
1-44	Dugan, Melissa	The potential role of the adhesion molecule CD18 in cytauxzoonosis pathogenesis
1-45	Dupré, Youry	Assessing heat load and dissipation using digital infrared thermography and serum cortisol profiles in horses during the summer months
1-46	Eason, Bryan	Alpha-melanocyte stimulating hormone release in response to serotonin in pars intermedia explants from normal equids
1-47	Edelman, Jennifer	Application of MRI-guided high intensity focused ultrasound (MRgFUS) therapy in treatment of uterine leiomyomata
1-48	Edwards, Robert James	Folate targeted Newcastle disease virus for cancer therapy
1-49	Fellman, Claire	Cyclosporine A affects the in vitro expression of T cell activation-related molecules and cytokines in dogs
1-50	Ferguson, Elizabeth	Evaluation of murine skeletal defects from maternal exposure to tap water
1-51	Flynt, Kendall	In vitro effects of a selective COX-2 inhibitor on canine prostate cancer cell growth
1-52	Fortenberry, Emma	Development of a multiplex real-time PCR assay for simultaneous detection of three abortifacient pathogens of sheep and goats
1-53	Galemore, Erin	Humoral responses during acute feline immunodeficiency virus infection remain unchanged after regulatory T cell depletion

1-54	Garcia, Monique	Development of a flicker electroretinography protocol for the analysis of rod- and cone-mediated retinal responses in dogs
1-55	Gilbert, Dustin	Measurement of minimal residual disease using real time PCR in canine lymphoma
1-56	Grady, Jesse	Effects of cyclosporine on canine platelet activity
1-57	Hampton, Simuel	Phenotypic evaluation of a <i>Candida albicans</i> PIR1/PIR1 mutant and analysis of PIR1 allelic variability in a diverse collection of <i>Candida albicans</i> isolates
1-58	Hearn, Cari	Identification and characterization of MHC class I down-regulation genes in Marek's Disease Virus
1-59	Helmerick, Elena	Role of the chaperone PrsA2 in the intracellular stability of the metalloprotease Mpl in <i>Listeria monocytogenes</i>
1-60	Hennenfent, Andrew	Genetic characterization of epizootic hemorrhagic disease virus using the capsid (VP2) and core (VP3) protein genes
1-61	Herzog, Kalyn	Regulation of aromatase expression in mouse uterus
1-62	Higgins, Elizabeth	B lymphocyte distribution and response to inflammatory stimuli in the gut of rainbow trout
1-63	Holmberg, Kate	Assessment of mutations induced in male germ cells by Benzo[a]pyrene
1-64	Hosler, Marlana	Characterization of <i>Salmonella</i> isolates from pigs under varying ceftiofur antimicrobial use
1-65	Hostnik, Eric	Morphometric measurements of the auditory neural network of the Florida manatee (<i>Trichechus manatus latirostis</i>)
1-66	Howard, Jessica	Expression of AMPA glutamate receptors on RVLM-projecting nTS neurons in response to chronic intermittent hypoxia
1-67	Hubin, Michelle	Pharmacokinetics of oral piroxicam in healthy horses: a preliminary investigation of two doses
1-68	Hutchinson, Anna	Infectious etiology of walleye dermal sarcoma
1-69	Hydrick, Ashley	Reexamination of chicken anemia virus infectivity in non-lymphoblastoid cell lines
1-70	Jacobs, Carrie	Colonization of Methicillin-resistant <i>Staphylococcus aureus</i> in Michigan 4-H members and their pigs
1-71	Kraft, Jordan	Blocking equine infectious anemia virus replication using RNA interference
1-72	Lamontagne, Theresa	Neutrophils as a potential form of cancer cytotherapy
1-73	Lande, Rachel	Biodistribution and potential pathology associated with stem cell therapy
1-74	Leach, Charles	The role of internalin-like proteins and other potential virulence factors in <i>Listeria monocytogenes</i> invasion of gut epithelium
1-75	Leonard, Brian	Role of canine β -defensins in innate immunity
1-76	Lipsett, Jessica	Efficacy of a reducing dose versus full dose of meloxicam in dogs with osteoarthritis
1-77	Lisano, Steven	Experiences with the use of sheep as a model for spine fusion in humans
1-78	LoBato, Denae	Effect of different exposure times to TNF-alpha on cell receptor profiles in cultured canine endothelial cells
1-79	Loftus, John	Cell signaling pathways in bone homeostasis and pathology
1-80	Malone, Jane	Inhibition and disruption of biofilms formed by pathogens associated with cystic fibrosis
1-81	Manson, Tomeka	Analysis of protein in body cavity effusions: A comparison between refractometry and an automated biuret method
1-82	Martinez-Ramirez, Eric	Use of P27 and MDA-7 tumor suppressor gene therapy to treat prostate cancer in vivo
1-83	McAlonan, Ruth	Auditory function in rats exposed to a PCB and PBDE mixture during development

1-84	McCarthy, Kathleen	Investigation of the role(s) of yeast Srs2 and Sgs1 in nucleotide excision repair
1-85	McGowan, Erin	Host and viral interactions in a novel model of simian immunodeficiency virus infection
1-86	McNamara, Kelli	Sequencing the dystrophin cDNA in a new canine model of
1-87	Meyer, Bryan	Age-related changes in fetal pig mesonephric duct lumen aperture
1-88	Meyer, Emily	Evaluation of homing ability and therapeutic effect of canine umbilical cord stromal cells and murine monocytes in a mouse model of canine osteosarcoma
1-89	Murphy, Alexandria	Evidence of the tick-borne agents, <i>Borrelia lonestari</i> and <i>Ehrlichia chaffeensis</i> in migratory and resident song birds from Mississippi
1-90	Murray, Johanna	Characterization of Arx expression in the digestive tract
1-91	Muth, Dillon	Generating an in vitro correlate to splenic regulatory DCs
1-92	Nakamura, Ayaka	Reservoir competence of Northern Cardinals for West Nile Virus: The effect of corticosterone
1-93	Neis, Rebecca	Use of embryonic rabbit dorsal root ganglia neurons to study the neuronal transport mechanisms of bovine herpesvirus type 1
1-94	Paa, Jonathan	Prevention of methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) infections by host defense peptides
1-95	Pan, Jean	Using immunohistochemistry to detect folate receptor in canine cancers
1-96	Patil, Karuna	Instrumenting the ovine lumbar motion segment for evaluation of in vivo intervertebral disc biomechanics
1-97	Perry, Amie	Comparison of expression of Foxp3 and TGF- β in canine and human mammary cancer lines
1-98	Pluta, Kimberly	Inhibition of human KIAA1363, a dual-role enzyme, by bioactive metabolites of organophosphate (OP) pesticides
1-99	Prigge, Elizabeth	Survey of trace elements in dairy milk in Kansas and Nebraska
1-100	Purdee, Michaelle	Batrachochytrium dendrobatidis in Red-spotted newts (<i>Notophthalmus viridescens viridescens</i>) from Northeastern Georgia
1-101	Puza, Nicole	Arrhythmogenesis and stem cell therapy
1-102	Quandt, Kimberly	Secretion of Cu/Zn superoxide dismutase by <i>Brucella</i> strain 2308SOD and RB51SOD Δ virB2 and survival of <i>Brucella</i> strain RB51 compared to strain RB51SOD in macrophages
1-103	Rakauskas, Brian	Effects of a proprietary herbal compound on wound healing parameters and bacterial contamination in horses
1-104	Ramos, Christina	White tailed deer as reservoir hosts for <i>Babesia bovis</i>
1-105	Ramsey, Grant	Use of quantitative real-time RT-PCR to confirm expressed protein sequence tags identified by proteogenomic mapping in <i>Mannheimia haemolytica</i>
1-106	Rankin, Aubrey	Investigating a cryptic cycle of <i>Borrelia burgdorferi</i> in birds and bird-associated ticks at a site near an invading population of the Lyme disease vector in southwestern Michigan
1-107	Reynolds, Erin	Verification of CatSper channel proteins in equine sperm
1-108	Ridgway, Ryan	Molecular characterization of a poxvirus associated with systemic disease in blue jays (<i>Cyanocitta cristata</i>)
1-109	Rodin, Lisa	Feasibility of transvaginal natural orifice transluminal endoscopic surgery (NOTES) ovariectomy in mares
1-110	Roegner, Amber	The evaluation of the novel application of microscale co-culture techniques as a rapid screening assay for hepatocellular toxicity of microcystin congeners
1-111	Rogers, Lindsey	Prognostic indicators following trauma in dogs
1-112	Rudinsky, Adam	Significance of wear in canine total knee replacement
1-113	Schoenhals, Kate	Changes in ruminal methanogen population with flaxseed-supplemented diet in dairy cattle

1-114	Scott, Gregory	Minimum anesthetic concentration (MAC) increases in goldfish (<i>Carassius auratus</i>) after repeated exposures to tricaine methanesulfonate (MS-222)
1-115	Scott, Janelle	Contributions of RNA polymerase subunits Sigma 32 & Sigma 70 in driving <i>Ehrlichia chaffeensis</i> host specific gene expression
1-116	Sequeira, Marlon	Hematologic and serum biochemical indices in healthy Bonnet Macaques (<i>Macaca radiata</i>)
1-117	Seymour, Melanie	Enhanced inflammatory contribution in halothane-induced hepatotoxicity in female mice
1-118	Sheen, Stephanie	Prevalence of radiographic evidence of subclinical degenerative joint disease in declawed cats
1-119	Shekk, Victoria	The use of immunohistochemistry and flow cytometry to detect and purify equine laminar epithelial stem cells
1-120	Sinese, Jennifer	Mobile elements and primate genomic diversity
1-121	Sinnott, Rachel	Effects of pre- and post-natal diet on the survival of SMA mouse model SMN Δ 7
1-122	Skaggs, Jeff	Development of an <i>Actinobacillus equuli</i> vaccine for pregnant mares
1-123	Smith, Melissa	Tissue distribution and pathological changes induced by experimental infection with wild type and iglC mutant <i>Francisella sp.</i> in tilapia
1-124	Sonius, Chelsea	Investigation of the association between azotemia, FVRCP vaccination, and the presence of antibodies to α -enolase and annexin A2 in cats
1-125	Spatola, Ronald	Evaluation of the effects of topical nalbuphine on viability and wound healing of corneal epithelial and stromal cells in vitro
1-126	Stack, Jonathan	A potential role for neutrophils in the control of <i>Yersinia pestis</i> in resistant mice
1-127	Stoeker, Laura	Toll-like receptor activation profiles of wild-type, recombinant, and mutant <i>Lactobacillus</i> : implications for vaccine design
1-128	Sullivan, Todd	Optimization of targeted photodynamic therapy against <i>Streptococcus canis</i>
1-129	Talbott, Jessica	Multiple genotypes of canine distemper virus are circulating in the USA
1-130	Tedesco, Dana	Avian ventriculus koilin as a predictor of disease: A retrospective study
1-131	Tenberg, Jade	Adipose-derived stem cells exacerbate ischemic acute kidney injury
1-132	Terpolilli, Gina	The effect of osmotic stress on the phosphorylation of serine and tyrosine residues in equine sperm
1-133	Thomas, Janice	Alcohol-induced oxidative stress and mitochondrial DNA variation in the domestic chicken, <i>Gallus gallus</i>
1-134	Torre, Christopher	Examining the molecular mechanism of TSP2 activity in primary murine MSCs
1-135	Visser, Marike	The role of efflux pumps in canine and feline pathogenic multi drug resistant <i>Escherichia coli</i>
1-136	Vitt, Jordan	Systemic arterial hypertension and proteinuria in the Shetland Sheepdog
1-137	Vrolyk, Vanessa	Lung inflammation in clinical cases of acute necrotizing pancreatitis in dogs
1-138	Walsh, Kari	A frameshift mutation in SGK3 is associated with the hallmark trait of the American Hairless Terrier
1-139	Wang, Yenlie	Neurofibromatosis-2 expression in feline meningiomas
1-140	Ward, Sarah	Evaluating ototoxicity of 2-hydroxypropyl- β -cyclodextrin in a feline model of Niemann-Pick type C disease
1-141	Warren, Josh	Using fMRI as a method for assessing animal pain in dogs: a pilot study

1-142	Washington, Kimberly	Stimulation of cross-neutralizing HPV antibodies in BALB/c mice using various combinatorial vaccination approaches
1-143	Webb, Kyle	Incorporating viral M2e proteins as an adjuvant on virus surface
1-144	Weder, Christian	Effects of negative pressure therapy on acceptance of free cutaneous grafts in dogs
1-145	Wendte, Jered	Clonal outbreak of the apicomplexan parasite, <i>Sarcocystis neurona</i> , in southern sea otters
1-146	Westbrook, Jennifer	Bacterial surveillance in small animal hospital environments in Kansas
1-147	Whitfield, Chase	Pharmacokinetics of anti-herpetic drugs in horses
1-148	Wieman, Lani	The Use of human immunodeficiency virus integrase inhibitors for suppression of feline immunodeficiency virus replication in vitro
1-149	Wilkins, Kylius	Syndromic surveillance of submissions to the New York State Animal Health Diagnostic Center
1-150	Wood, Jonathan	Tricuspid valve dysplasia in the Labrador Retriever
1-151	Wydysh, Emily	Detection of <i>Strongyloides sp.</i> in captive baboons (<i>Papio cynocephalus anubis</i>)
1-152	Young, Stephanie	Determining NSAID effects on the trafficking and cell surface expression of Kv channels in intestinal epithelial cells using flow cytometric analysis of cells transfected with a GFP Kv1.4myc construct

Poster Session II – Saturday August 8th 9:30am – 11:30am

Poster Number	First Author	Title
2-1	Alarcon, Christina	Apoptosis of PDGF-B-induced glioblastoma stem cells and differentiation of non-neoplastic stem cells following in-vitro activation of d/n-ATF-5
2-2	Albrecht, Jordan	Fecal corticosterone levels related to voluntary physical exercise in lab mice
2-3	Aldrich, Ellison	Tissue oxemia mesenchymal stem cell fate during fracture healing in thrombospondin-2 null mice
2-4	Allen, Portia	Comparison of pain responses in Holstein calves undergoing castration, dehorning, or both
2-5	Babb, Kellett	Gait analysis in dogs with spinal cord injuries: Creation of an objective functional scoring system
2-6	Bander, Noah	Effect of fasting on liver dysfunction following hemorrhagic shock and reperfusion
2-7	Barrell, Emily	Seroprevalence of canine influenza virus in household dogs in Colorado
2-8	Bayer, Cassandra	Evaluation of two anti-thrombopoietin antibodies for cross-reactivity with canine thrombopoietin
2-9	Bell, Ellen	Understanding the role of methionine sulfoxide reductases during oxidative stress in <i>Escherichia coli</i>
2-10	Belock, Bethany	ATP induced neuroregeneration in the mouse olfactory epithelium following Satratoxin-G toxicity
2-11	Bennett, Kimberly	Transfer of virulence plasmids in <i>Rhodococcus Equi</i>
2-12	Beverly, Jeffrey	Spatiotemporal mapping of cardiac electrical activity in German Shepherds with inherited ventricular arrhythmias
2-13	Bifano, Laurel	Methicillin resistant <i>Staphylococcus aureus</i> and <i>intermedius</i> : A multiperspective analysis of their occurrence in the state of Massachusetts

2-14	Bilof, K. James	The effects of chronic intermittent hypoxia on NMDA specific glutamate receptor subunits in the nucleus tractus solitarius
2-15	Borsdorf, Daniel	Ontogeny of uterine gland development in the neonatal dog
2-16	Brehm, Lindsey	Comparison of TUNEL and SCSA assays for measurement of stallion sperm DNA/chromatin quality before and after centrifugation through a silica particle solution
2-17	Breiteneicher, Adam	Immunocontraception of cats with peptides identified using phage display
2-18	Brennecke, Lara	Fertility in male dogs vaccinated with a GnRH vaccine containing a B-cell adjuvant
2-19	Britt, Susan	Development and assessment of genotyping methods for the detection of the myostatin gene mutation in "bully" Whippets
2-20	Bullock, Jesseca	Production of transgenic cats resistant to feline immunodeficiency virus
2-21	Burnett, John	Antimicrobial activity of Avian β -Defensin 12
2-22	Bynog, Joseph	Tick-borne disease agents in southern Louisiana
2-23	Campbell, Aimee	The creation of a gmhA knockout in <i>Campylobacter jejuni</i> and determining its role in pathogenicity
2-24	Campbell, Anna	The effectiveness of treating naturally occurring caseous lymphadenitis with tulathromycin in sheep and goat herds in west Texas
2-25	Cannizzo, Sarah	Development of a platform technology to expand functional canine regulatory T cells for adoptive transfer and allograft tolerance
2-26	Castellaw, Matt	Use of biophotonics as a real time model to determine the role of filth flies in the cross contamination of cattle with <i>E. coli</i> O157:H7
2-27	Chen, Vivian	Influence of estrogen on bone mineral density and bone marrow differentiation in non-human primates
2-28	Chu, Caroline	Microbial ecology and environmental quality in egg-laying facilities
2-29	Clay, Hope	The orexigenic effect of mu opioid receptors is increased in the absence of leptin
2-30	Clore, Emily	Retrospective evaluation of total parenteral nutrition (TPN) in alpacas: 17 cases (2002-2009)
2-31	Colby, Kathleen	Survey of southeastern states for canine heartworm (<i>Dirofilaria immitis</i>) diagnostic, treatment, and prevention protocols
2-32	Cone, Kourtney	Prevalence of <i>Leptospira</i> in wildlife and watersheds: A measure of ecosystem health
2-33	Cooner, Adam	Evaluating soft tissue composition of the equine palmar foot with computed tomography, magnetic resonance imaging, and three-dimensional image reconstruction
2-34	Cummings, Sabrina	Effects of cold air exercise on the innate immune function of equine airway leukocytes
2-35	Cutbirth, Patrick	The use of embryonated eggs for isolation and culture of <i>Spiroplasma</i> spp.
2-36	Dedeaux, Andrea	Development of a cage-side test for the detection of serum antibodies to <i>Leptospira</i>
2-37	Delaney, Lauren	Vasomotor function of the descending genicular artery
2-38	Dunn, Kiri	Heartworm testing, treatment, and prevention protocols for cats in animal shelters
2-39	Edwards, Amy	Characterization of <i>Toxoplasma gondii</i> with targeted deletions of the surface antigens SAG1 and SAG2
2-40	Enners, Jaclyn	Characterization of Hag binding to human cells
2-41	Esteves, Jose	In vitro effects of angiogenesis inhibitor Anginex in Feline Cells
2-42	Fabryka, Jennifer	Preliminary studies of the biological activity of the anaplasma appendage associated protein

2-43	Filliben, Sarah	Role of single-minded-2s in tumorigenicity of MCF10DCIS.com human breast cancer cell line
2-44	Finn, Colleen	Heat shock proteins and antiviral immune mechanisms in the brain
2-45	Fording, Natalie	The effects of glucose on pathogen associated molecular pattern (PAMP)-induced inflammatory mediator production in a feline whole blood culture system
2-46	French, Ashley	Determining the effect of lunging on Lameness Locator™ results
2-47	Fusello, Angela	Assessment of PARP1 inhibitors as combination chemotherapeutic agents in canine and mouse cell lines
2-48	Galliers, Emily	Thromboelastography (TEG) as a method of monitoring hemostasis in dogs: Are TEG tracings from healthy dogs consistent when analyzed over a period of three consecutive days?
2-49	Garnett, Crystal	Metronomic chemotherapy using oral satraplatin in dogs
2-50	Garrett, Ragan	The effect of fasting duration on plasma dantrolene concentrations in horses
2-51	Garrick, Melissa	Pulsed-field gel electrophoresis analysis of <i>Escherichia coli</i> O157:H7 isolated from sheep
2-52	Godsey, Brian	Validation of an enzyme-linked immunosorbent assay for bovine plasma tumor necrosis factor-alpha
2-53	Goodale, Lindsay	Effects of inflammation on early bovine embryos in vitro
2-54	Grossman, Jennifer	Effects of a commercially-available canine GnRH vaccination on sexually mature male camelids
2-55	Guevara, Jose	In situ analysis of poly(ε-caprolactone) nanofiber-based tissue engineered scaffolds for meniscus repair in an ovine model
2-56	Gunderson, Sara	Immunogenicity of <i>Lactobacillus gasseri</i> -FliC as an oral mucosal vaccine adjuvant for HIV-1
2-57	Harmeling, Benjamin	Did genetic diversity decrease following the onset of a high mortality infectious disease in California endemic birds? West Nile virus and the Yellow-billed Magpie (<i>Pica nuttalli</i>)
2-58	Harper, Jesse	Evaluation of regulatory T cells and Angiogenesis assessing metronomic chemotherapy
2-59	Harris, Autumn	Involvement of Phosphatidylinositol 3-Kinase pathway in <i>Salmonella</i> Kentucky uptake in bovine monocytes
2-60	Harris, Rhiannon	The effect of freezing on <i>Salmonella</i> concentration in cattle fecal samples
2-61	Harwood, Hayley	Motility of stallion sperm thawed at various rates and maintained for up to 24 hours
2-62	Haydel, Jessica	Development of an assay for the detection and quantification of cephapirin and ceftiofur in goat milk
2-63	Hencken, Chris	Comparison of hematology and plasma biochemistry of free-ranging and captive eastern massasauga rattlesnakes (<i>Sistrurus catenatus</i>) and eastern fox snakes (<i>Elaphe vulpina gloydi</i>) in Michigan
2-64	Henderson Jr., Mark Stephen	Cytotoxicity of Middle Eastern sands in rat lung epithelial cells
2-65	Hitt, Kimberly	Detection of three pinworm species in laboratory mice and rats through an antemortem fecal PCR assay
2-66	Hoffmann, Lauren Michelle	Prevalence of <i>Campylobacter jejuni</i> and coli in shelter animal populations
2-67	Holland, Kathleen	Maternal and microbial flora factors in inflammatory bowel disease
2-68	Holtgrave, Jared	Efficacy of sulfonamide PAC-1 in treatment of murine lymphoma
2-69	Hopkins, Sarah	Expression of CagA in recovered <i>H. pylori</i> isolates
2-70	Howard, Christina	The in vitro COX-1/COX-2 selectivity of flunixin meglumine, deracoxib, and robenacoxib in equine whole blood
2-71	Huber, Sarah	Does inhalation of combustion-derived nanoparticles elicit systemic responses?

2-72	Humphries, Drew	Identification of potential platelet alloantigens in the equidae family by comparison of gene sequences encoding major platelet membrane glycoproteins
2-73	Ives, Carolyn	Expression of c-Met in canine lymphoma
2-74	Jackson, Laura	Profiling the immune response in cats treated with adeno-associated virus gene therapy
2-75	James, Michele	The safety of ethyl pyruvate in horses
2-76	Jaquith, Sarah	Effects of decreased platelet concentration on canine thromboelastography
2-77	Johnson, Dana	The effect of the spatial organization of vegetation on the productivity of <i>Culex</i> mosquito larvae in catch basins in an area of high West Nile Virus infection
2-78	Johnson, Hannah	Evaluation of rhPDGF on allograft integration in an ovine interbody spinal fusion model
2-79	Johnson, Jerrod	Comparison of a commercial glucometer and a spectrophotometry-based chemistry analyzer in horses and alpacas
2-80	Johnson, Serrin	Detection of anti-myeloperoxidase antibodies in cats using a novel recombinant feline myeloperoxidase ELISA
2-81	Juergens, Jessica	Whole organ culture of the distal femur in the development of an in vitro model of post-traumatic osteoarthritis
2-82	Khodadad, Jessica Lyn	Examining the pharmacokinetics and safety of firocoxib, a COX-1 sparing NSAID
2-83	King, IV, Lawrence	Evaluation of sampling and culture methods for <i>Salmonella</i> enumeration by most probable number in broiler carcass rinses
2-84	Koehler, Stephanie	Identification of breast cancer cell receptors using phage display technology
2-85	Laver, Travis	microRNA binding site variations in neuroblastoma
2-86	LeBlanc, Lauren	Yogurt in the prevention of infection by <i>Listeria monocytogenes</i>
2-87	LeCuyer, Tessa	Endogenous cortisol secretion patterns during health and illness in horses and foals
2-88	Ledesma, Carmen	Viability and efficacy of chimeric Porcine Circovirus (PCV) constructs using PCV2a and PCV2b strains
2-89	Lehman, Sarah	Clinicopathologic and molecular characterization of phosphofructokinase and pyruvate kinase deficiency in different dog breeds
2-90	Leslie, Traci	Mono-OH methoxychlor (mono-OH) and steroidogenesis in the mouse antral follicle
2-91	Leven, Joshua Rowland	Effects of platelet-rich plasma on pain associated with tendinopathy
2-92	Livingston, Valerie	Generation of monoclonal antibodies specific for the hemagglutinin (HA) protein of the H9 influenza virus
2-93	Lopez, Brina	Comparison of the Osteogenic Induction Potential of Equine Bone Marrow-Derived Mesenchymal Stem Cells Genetically Modified with Human BMP-2 and Equine BMP-2
2-94	Lucy, John	Isolation, differentiation and characterization of equine bone marrow-derived mesenchymal stem cells
2-95	Lupton, Kate	Shedding light on night-blindness in Appaloosa horses through TRPM1 gene therapy
2-96	Mahon, Jennifer	Pulmonary hypertension is associated with increased endothelin-1 concentration in dogs
2-97	Manuel, Christopher	Receptor targeted radiotherapy in conjunction with dual radiosensitizing chemotherapy restricts the progression of human prostate cancer in a model of bone metastasis
2-98	Matsumoto, Juli	Aerosolized nucleotide synthesis inhibitors as therapeutics for influenza A virus infection in a murine model
2-99	McPhee, Claire	Milk withholding times for organic dairy production: Quantifying

		phytoceutical residues in goat milk using gas chromatography
2-100	Menning, Jennifer	Biomarkers of primary and metastatic lung cancer
2-101	Miller, Daren	Comparison of Porcine Circovirus (PCV2) vaccine efficacy
2-102	Minella, Andrea	Investigation of the segregation of an insert in RPGRIP1 with progressive retinal atrophy (PRA) in dogs
2-103	Mobley, Jessica Lynn	Serologic and molecular evaluation of cats from Georgia for Hepatitis E virus
2-104	Moldenhauer, Tiffany	A potential novel cancer treatment: Evaluation of myxoma virus oncolysis in feline cancer cells
2-105	Moles, Kristen	Localization and functional role of Rab32 in <i>Trypanosoma cruzi</i>
2-106	Moore, Elizabeth	Olfactory and memory phenotype analysis in prion knockout, chronic wasting disease inoculated, and wildtype mice
2-107	Nguyen, Angela	The effect of female presence on risk-taking behavior of male sticklebacks
2-108	Osborne, Naida	Intranasal colonization and tissue dissemination of <i>Mycoplasma bovis</i> deletion mutant potabc
2-109	Ostroski, Cassandra	Effect of influenza A virus infection on murine alveolar type II cell nucleotide metabolism
2-110	Pan, Xuan	Elevated YY1 causes selective disadvantage in the B cell lineage and induction of apoptosis
2-111	Pastenkos, Gabrielle	Molecular analysis of surface antigen divergence among <i>Neorickettsia risticii</i> strains
2-112	Pate, Julie	Comet-tail artifacts in normal dogs and dogs with cardiogenic pulmonary edema
2-113	Paul, Julia	The pharmacokinetics and antinociceptive effects of hydrocodone and nalbuphine in dogs
2-114	Peace, Ralph	The benefits of dietary spray dried plasma protein on post-weaning gastrointestinal health in pigs
2-115	Perrault, Jamie	Analysis of inhibitory properties of feline urine using an FCV RNA mimic and real-time RT-PCR
2-116	Phillips, Jordan	Vitamin B6 assay development and initial test study for the concentration of vitamin B6 in five dogs with calcium oxalate Uroliths
2-117	Pinelli, Christopher	The effect of housing conditions on CRH receptor subtype expression in rat anterior pituitary
2-118	Priest, David	Dynamic respiratory endoscopy of Standardbred race horses during qualifying races
2-119	Reid, Kimberly	Breaking the paradigm: Methods of testing for circulating bovine viral diarrhea virus in a beef herd
2-120	Rheinfeld, Svenja Brigitta	Is IL-1R signalling critical for epithelial cell migration and proliferation?
2-121	Riggs, G.G. Comet	Serotonin-mediated glucose sensing and transport are impaired in novel UCD T2DM rats
2-122	Risinger, Colleen	The effects of oral exposure to vinclozolin on sperm motility, morphology, and chromatin integrity in postpubertal boars
2-123	Robinson, Kelly	Hemodynamically guided home self-therapy in severe heart failure patients: A preclinical and clinical study
2-124	Robson, Shana	Evaluation of techniques to differentiate acrosomal damage from acrosome reaction in stallion spermatozoa
2-125	Regner, Abby	Functioning of a laryngeal pacemaker during exercise
2-126	Roque, Julia	The ability to detect bovine viral diarrhea virus (BVDV) among seropositive healthy cattle when exposed to a persistently infected calf
2-127	Rubin, Shira	Western blot analysis of cell-signaling proteins in IBV infected chicken tracheas

2-128	Rutherford, Stephanie	Chronic alcoholism and osteoarthritis: Evaluation of the relationship between alcoholic ketosis and articular cartilage and tendon matrix changes
2-129	Sabshin, Stephanie	Correlation of enteropathogens with diarrhea in shelter cats
2-130	Seiler, Brittany	Seroprevalence of Influenza A virus in domestic animals in Iowa
2-131	Smit, Ashley	Elemental analyses of liver, kidney and pancrea in Canada geese (<i>Branta canadensis</i>) in the Tri-State mining area
2-132	Snowdon, Kyle	Development of methods to assay temozolomide, dacarbazine and their metabolites in canine sarcoma cell cultures in preparation for pharmacokinetic studies
2-133	Soper, Anastasiya	Effects of Dietary Leucine on Calpain/Calpastatin and mTOR/p-mTOR Ratios in Cardiac Tissues of MDX Mice
2-134	Starkey, Lindsay	Characterization of diversity of <i>Hepatozoon spp.</i> in coyotes
2-135	Taylor, Melissa	Determination of the role of Nurr1 in regulation of nigrostriatal dopamine neurotransmission
2-136	Thomas, Shawn	The effect of different antisense on SMN splicing: A cure for spinal muscular atrophy?
2-137	Throop, Crystal	Effects of Ketoprofen (Anafen [®]) administration on beta-hydroxybutyrate blood concentrations and on lying behaviour following left displaced abomasum surgery on Holstein dairy farms in southern Ontario
2-138	Torrance, Brandon	Effect of media and incubation conditions on procaine-induced hyperactivated motility in equine sperm
2-139	Tree, Laurel Tegland	Antimicrobial effect of the cathelicidin analog, Fowlcidin-1 (5-26), on <i>Rickettsiae</i>
2-140	Trichel, Jessica	Magnetic resonance imaging of the equine temporomandibular articulation – a comparative morphological study
2-141	Tupler, Tiffany	Correlation of enteropathogens with diarrhea in shelter dogs
2-142	Urion, Rebecca	The systemic effects of analgesic combinations in horses
2-143	Varela, Kate	Biological characteristics of catch basins affect mosquito larvae productivity, the influence of vector habitat on the potential for West Nile Virus transmission
2-144	Walker, Wade	Subchondral bone density patterns and morphometrics in the distal femur of the horse
2-145	Waltman, Lindsey	Effect of brewers grain yeast on health and growth of Holstein calves
2-146	Weidner, James	Alterations in hepatic mRNA expression of CMO-I/CMO-II in mice fed carotenoid-containing diets
2-147	Wenker, Annette	MicroRNA expression in canine and human osteosarcoma cell lines
2-148	Wineinger, Lauren	Investigating the immediate efficacy, and duration of residual effects of, antimicrobials in laboratory animal settings
2-149	Wise, Heather	The effect of varying concentrations of estradiol on mRNA expression in GnRH neurons
2-150	Yanke, Amy	Expression of heat shock proteins, Ki67 and vascular endothelial growth factor in canine astrocytomas and oligodendrogliomas
2-151	Young, Chiahsin	Antidiabetic drug Metformin inhibits mTOR signaling and induces anti-cancer effects in vitro
2-152	Zellner, Eric	The effect of COX-2 inhibition on differentiation of canine mesenchymal stem cells