

POSTER PRESENTATIONS

On Display:

Thursday, June 10, 9:30 am - 4:30 pm; Friday, June 11, 9:30 am – 4:30 pm;
Saturday, June 12, 9:30 am – 2:30 pm

Attended by Authors Eligible for ACVIM Resident Research Awards:

Thursday, June 10, 9:50 am – 10:30 am; Friday, June 11, 9:50 am – 10:30 am

Attended by ALL Authors – Wine & Cheese Reception:

Friday, June 11, 6:00 pm – 7:30 pm

#	Presenting Author	Abstract Title
SMALL ANIMAL – CARDIOLOGY		
181	Maria Helena Larsson	Time-Domain Signal-Averaged Electrocardiogram in Healthy German Shepherd and Boxer Dogs
182	Maria Helena Larsson	Time Domain High-Resolution Electrocardiography in Boxer Dogs With Arrhythmogenic Right Ventricular Cardiomyopathy and Dilated Cardiomyopathy
183	Aparecido Camacho	Heart Rate Variability in Boxer Dogs With Arrhythmogenic Right Ventricular Cardiomyopathy
184	Denise Schwartz	Six Minute Walk Test Standardization for Dachshund, Poodle and Labrador Retriever Dogs
185	Aparecido Camacho	Effects of Treadmill Training Over Autonomic and Hemodynamic Functions in Healthy Dogs
186	Masashi Mizuno	Effects of Running on the Renin-Angiotensin-Aldosterone System in Dog
187	Sara Granström	Occurrence of Hypertrophic Cardiomyopathy in a Large Cohort of British Shorthair Cats
188	Aparecido Camacho	Clinical Characterization of Hypertensive Hypertrophic Cardiomyopathy in Dogs With Chronic Kidney Disease (CKD)
189	Aparecido Camacho	Heart Rate Variability in Dogs With Mitral Endocardiosis or Natural Morbid Obesity
190	Carley Saelinger	Comet-Tail Artifacts in Normal Dogs and Dogs With Cardiogenic Pulmonary Edema
191	Takashi Ebisawa	Clinical Usefulness of Measuring Plasma Atrial Natriuretic Peptide Concentrations for Assessing the Severity in Dogs With Degenerative Mitral Valve Disease
192	Pierre Menaut	Circulating Natriuretic Peptides Concentrations in Hyperthyroid Cats
193	Caryn Reynolds	Weekly Variability of Plasma NT-proBNP Measurements in Cats With and Without Heart Disease
194	Aliya Magee	Use of Abciximab to Determine Platelet Reactivity in Healthy Cats
195	Carolina Carlos Sampedrano	Effects of High Versus Normal Salt Diets on Cardiovascular Variables in Healthy Aged Cats: A 6-Month Study
196	Takeshi Mizuno	Relationship Between Prognosis and Immune Response in Dogs After Mitral Annuloplasty
197	Shigeki Yamano	Endogenous Erythropoietin Levels and Iron Utilization in Dogs With Degenerative Mitral Disease
198	Yoko Fujii	Prevalence of Right to Left Shunt Due to Patent Foramen Ovale Concurrent with Pulmonary Stenosis in Dogs
199	Meg Sleeper	Dobutamine Stress Testing in Portuguese Water Dogs with Juvenile Dilated Cardiomyopathy
200	Sabine Riesen	Pharmacokinetics of Oral Ivabradine in Healthy Cats
201	Michael Katz	Thiamylal Anesthesia Reveals Predominant Role for the Central Mechanism of Respiratory Sinus Arrhythmia in the Dog
202	Lauren Calland	In-Hospital Electrocardiograph Versus 24-Hour Holter Monitor for Assessing Heart Rate in Dogs With Atrial Fibrillation
203	Ashley Saunders	Bradydysrhythmias Requiring Pacemaker Implantation in Chagas Positive Dogs
SMALL ANIMAL – ONCOLOGY		
204	Kensuke Nakamura	Contrast-Enhanced Ultrasonography With Sonazoid® for Characterization of Focal Splenic Lesions
205	Silvia Lucas	Evaluation of Oxidant/Antioxidant Total Status and Erythrocyte Antioxidant Defense in Cats With Lymphoma
206	Elizabeth Lechner	Oxidative Stress in Dogs With Lymphoma Before and After Administration of Doxorubicin: A Pilot Study

207	Thais Macedo	Erythrocyte Superoxide Dismutase (SOD) Concentration in Dogs With Multicentric Lymphoma
208	Archivaldo Reche Junior	Alimentary Lymphoma in Cats: Clinicopathological and Therapeutic Features of 32 Cases (2004-2009)
209	Hiroko Hiraoka	Identification of Methylguanine-DNA Methyltransferase in Relation to Lomustine Cytotoxicity in Canine Lymphoma Cell Lines
210	Clair Oliveira	Estrogen and Progesterone Receptors Expression in Canine Vaginal Leiomyoma
211	Krysta Deitz	Secreted Frizzled-Related Protein 2 Expression in Canine Thyroid Tumors
212	Jason Kidd	Determination of L-Asparaginase Antibody Titers in Dogs Being Treated for Lymphoma <i>(VCS Award Winner)</i>

SMALL ANIMAL – NEUROLOGY

213	Karen Vernau	Dog Leukocyte Antigen Class II Association in Chihuahuas With Necrotizing Meningoencephalitis
214	Paula Martin-Vaquero	Magnetic Resonance Spectroscopy of the Canine Brain at 3.0 T and 7.0 T
215	Ryan Gallagher	Relationship of Magnetic Resonance Imaging to Surgical Findings in Dogs with Thoracolumbar Intervertebral Disc Disease
216	Fred Wininger	Magnetic Resonance Imaging of Plasma Cell Tumors in the Spinal Column of 10 Dogs
217	Steven De decker	Radiographic Vertebral Canal and Body Ratios in Doberman Pinschers With and Without Clinical Signs of Disk Associated Wobbler Syndrome (DAWS)
218	Jacqueline Johnson	Micromorphometry of the Canine Cervical Intervertebral Discs
219	Stacy Dillard	In Vitro Biomechanical Comparison of Internal Fixation Techniques on the Canine Lumbar Spine
220	Roberto Poma	Evaluation of Short-Term Electroencephalography in Dogs With Idiopathic Epilepsy
221	Roberto Poma	Long-Term Video-Electroencephalography in a Canine Epilepsy Monitoring Unit
222	Malte Schwartz	Risk Factors for Epileptic Seizures in Dogs With Intracranial Neoplasia
223	Joseph Eagleson	Pharmacokinetics of a Novel Intranasal Midazolam Gel in Dogs
224	David Brewer	Zonisamide Therapy for Refractory Seizures in Five Cats With Presumptive Idiopathic Epilepsy
225	Michaela Cautela	Pharmacokinetics of Oral Pregabalin in Cats After Single Dose Administration
226	Ryan Taggart	Evaluation of Cerebrospinal Fluid Lactate and Glucose Levels in Acute Canine Intervertebral Disc Disease
227	Cristian de la Fuente	Fibrinolytic Activity in Cerebrospinal Fluid (CSF) of Dogs With Different CNS Disorders
228	Christopher Mariani	Cytokine and Chemokine Levels in Serum and Cerebrospinal Fluid of Dogs With Inflammatory Central Nervous System Disease
229	Lindsay Boozer	Evaluation of Matrix Metalloproteinase-2 and -9 in the Cerebrospinal Fluid of Dogs With Intracranial Disease
230	Lindsay Boozer	Evaluation of Cytokine and Chemokine Levels in Canine Intracranial Neoplasia
231	Katheryn Wolfe	Transcranial Magnetic Motor Evoked Potentials, Somatosensory Evoked Potentials, Spinal Evoked Potentials and Brainstem Auditory Evoked Potentials in Cavalier King Charles Spaniel Dogs With and Without Syringomyelia
232	Simon Platt	Expression of Heat Shock Proteins, Ki-67 and Vascular Endothelial Growth Factor in Canine Intracranial Gliomas
233	Jill Narak	Distribution of Adeno-associated Virus Vector Serotypes 1, 9, and 10 in the Normal Feline Brain
234	Karen Vernau	Is Alaskan Husky Encephalopathy a Mitochondrial Disease?
235	Giosi Farace	Canine N-Terminal Prohormone Brain Natriuretic Peptide Concentration In Dogs Less Than One Year Old
236	Adam Schneider	Evaluation of a 14 and 16 Gauge Side-cutting Bopsy Needle and Four Different Aspiration Pressures Used for Obtaining Brain Tissue in Dogs
237	Nadia Shihab	Surgical Management of Hydrocephalus by Ventriculoperitoneal Shunt Placement in Dogs
238	Nozomi Takahashi	The Time Course of Plasma Phosphorylated Neurofilament NF-H Levels in Rodent and Canine Spinal Cord Injury Models
239	Lauren Talarico	Acute Polyradiculoneuritis in Dogs: Utility of Clinical Parameters in Predicting Outcome
240	Audrey Muguet-Chanoit	The Cutaneous Trunci Muscle Reflex in Normal Dogs
241	Audrey Muguet-Chanoit	The Cutaneous Trunci Muscle Reflex : A Predictor of Recovery in Dogs With Acute Thoracolumbar Myelopathies

SMALL ANIMAL – ENDOCRINOLOGY

242	Jo Ann Morrison	Comparison of Models for Predicting Renal Disease Following I-131 Therapy for Feline Hyperthyroidism
243	Jo Ann Morrison	Investigation of Prognostic Factors for the Development of Renal Disease Following I-131 Therapy in Feline Hyperthyroidism
244	Rebecca Hegstad-Davies	Breed-Specific Reference Intervals for Assessing Thyroid Function in Seven Dog Breeds
245	Hanna Johansson	A Novel Sandwich ELISA for the Measurement of Insulin in Feline Serum and Plasma
246	Christiane Weingart	Measurement of Beta-Hydroxybutyrate (HB) in Cats With Nonketotic Diabetes Mellitus, Diabetic Ketosis and Ketoacidosis Using a Portable Ketone Meter
247	Viviani De Marco	A Putative Gain-of-Function Mutation in CRHR1 Gene Causing ACTH-Dependent Hypercortisolism in a Poodle Dog
248	Viviani De Marco	Ultrasonographic Adrenal Glands Thickness Measurement in Dogs With Pituitary-Dependent Hyperadrenocorticism in Comparison With Normal Dogs Matched by Weight Body
249	Viviani De Marco	Prevalence of Metabolic Syndrome in Dogs With Pituitary-Dependent Hyperadrenocorticism

SMALL ANIMAL – GASTROENTEROLOGY

250	Ingrid Mõistus	Effect of Excess Dietary Protein and Carbohydrate on the Intestinal Microbiota in Healthy Beagles as Analyzed By Guanine-Plus-Cytosine-Based Profiling
251	Olivier Dossin	Effect of Omeprazole Treatment on Gastric and Duodenal Bacterial Populations in Healthy Dogs
252	Melanie Craven	<i>Wolinella succinogenes</i> and Not <i>Helicobacter</i> spp. are the Predominant Helicobacteraceae in the Canine Oral Cavity
253	Jan Suchodolski	Pyrosequencing Reveals a Diverse Fungal Microbiota in Canine and Feline Fecal Samples

254	Jan Suchodolski	Molecular Assay for the Detection of <i>Campylobacter</i> spp. in Canine and Feline Fecal Samples
255	Jose Garcia-Mazcorro	Predictors for Fecal Colonization of Probiotic Lactic Acid Bacteria in Healthy Cats and Dogs
256	Nora Berghoff	Intestinal Microbiota In Racing Alaskan Sled Dogs And Working Retrievers Before And After Exercise
257	Panagiotis Xenoulis	Intestinal <i>Tritrichomonas foetus</i> Infection in Cats: A Retrospective Study of 104 Cases
258	Michael Lappin	Assessment of Risk for Diarrhea in Young Dogs After <i>Giardia</i> Vaccine Administration
259	Katherine Jones	Incidence of Bacteremia Following Gastric and Duodenal Endoscopic Biopsies Before and After Treatment with Omeprazole in Healthy Dogs
260	Nora Berghoff	Fecal N-Methylhistamine Concentrations In Racing Alaskan Sled Dogs and Working Retrievers
261	Niels Grützner	Association Study in Cobalamin Deficient Chinese Shar Peis With an Increased Methylmalonic Acid Concentration
262	Romy Heilmann	A Method for the Quantification of Serum and Fecal Canine S100A12
263	Panagiotis Xenoulis	Serum Spec cPL® Concentrations in <i>Leishmania infantum</i> -Infected Dogs Treated With Meglumine Antimonate
264	Niels Grützner	Analytical Validation of a Radioimmunoassay for the Measurement of Canine Pancreatic Lipase Immunoreactivity in Chyme and Fecal Extracts From Dogs
265	Micah Bishop	Association Between Breed and Increased Serum Spec cPL® Concentrations in Dogs
266	Isabelle Ruhnke	Analytical Validation of a Commercially Available Immunoassay for Serum Gastrin Concentration in Cats
267	Nicole Luckschander	Flow Cytometrical Analysis of Canine Intestinal Intraepithelial Lymphocytes in Dogs With Chronic Enteropathies
268	Matthew Gaunt	Constipation Resolution With Administration of Polyethylene-Glycol Solution in Cats
269	Jacqueline Whittemore	Development of a Veterinary Flexible Endoscopic Training Device

SMALL ANIMAL – HEMATOLOGY

270	Katie Boes	Evaluation of Canine and Feline Hemograms Using the IDEXX ProCyte DX Analyzer Compared to the Abbott CellDyn 3700
271	Katie Boes	Comparison of Canine and Feline Manual Hematologic Determinations With Results from the IDEXX ProCyte DX Analyzer
272	Jennifer Owen	Evaluation of Canine and Feline Hemograms Using the IDEXX ProCyte DX Analyzer Compared to Manual Differential Counts and the ADVIA 120
273	Amelia Mellett	Prospective Evaluation of Clopidogrel, Ultralow-Dose Aspirin, or Both in Dogs With Primary Immune-Mediated Hemolytic Anemia
274	Sarah Flint	Thromboelastography in Normal Dogs Treated With Prednisone, Aspirin and Prednisone and Aspirin Combined
275	Curtis Cathcart	Treatment With Acetylsalicylic Acid or Meloxicam does not Affect Serotonin Secretion from Feline Platelets
276	Alice Defarges	Drill-Assisted 15-gauge Core Bone Marrow Biopsy in Clinically Normal Small Dogs
277	Maria Iazbik	Prevalence of Dog Erythrocyte Antigens in Retired Racing Greyhounds

SMALL ANIMAL – HEPATOLOGY

278	Meghan Respass	Portal Vein Thrombosis in Dogs
279	Barrak Pressler	Hepatic and Biliary Trace Element Concentrations in Healthy Dogs versus Dogs with Hepatopathies

SMALL ANIMAL – IMMUNOLOGY

280	Jonathan Fogle	CD4+CD25+ T Regulatory Cells from FIV Infected Cats Induce a Unique Anergic Phenotype in CD8+ Targets
281	Jacqueline Whittemore	Association Between Feline Antibody Responses to Crandell Rees Feline Kidney (CRFK) Cell Lysates, Alpha-Enolase, and Annexin A2 and Biochemical Abnormalities in 1,477 Privately-Owned Cats
282	Craig Webb	The Use of Flow Cytometry to Identify the Presence of Anti-Erythrocyte Antibodies in Anemic Cats

SMALL ANIMAL – INFECTIOUS DISEASE

283	Jeanne Ficociello	Detection of <i>Bartonella henselae</i> IgM in Serum of Naturally Exposed Cats
284	Sukullaya Assarasakorn	Prevalence of <i>Bartonella</i> Species, Haemoplasma Species, and <i>Rickettsia felis</i> DNA in Blood and Fleas of Cats in Bangkok, Thailand
285	Michael Lappin	Prevalence of <i>Bartonella</i> spp. DNA in Conjunctival Cells Collected from Shelter Cats With and Without Conjunctivitis
286	Cristina Perez	Diversity of <i>Bartonella</i> Species in 62 Dogs Using the BAPGM Pre-Enrichment Culture Method
287	Christina Bradbury	Survival of <i>Bartonella henselae</i> in the Blood of Cats Used for Transfusion
288	Tae-ho Kim	Recombinant <i>Bartonella</i> Adhesion A Stimulates Inflammatory Response and Angiogenesis in Human Umbilical Vein Endothelial Cells
289	Masato Sakuma	Molecular Survey of Possible Atovaquone-Resistant Variants of <i>Babesia gibsoni</i> in Dogs in Japan
290	JuiMing Lin	CD4+ and CD8+ T-Lymphocyte Measurements for Feline Immunodeficiency Virus (FIV) Positive Cats
291	Thomas O'Connor, Jr.	Microtiter Plate Format Elisa to Differentiate Sera from Feline Immunodeficiency Virus (FIV) Infected and Vaccinated Cats
292	Archivaldo Reche, Jr.	Occurrence of Chronic Kidney Disease in Cats Naturally Infected With Immunodeficiency Virus
293	Archivaldo Reche, Jr.	Adrenal Stimulation and CD4+ T Lymphocyte Subsets in Feline Immunodeficiency Virus Naturally Infected Cats
294	Mary Marcondes	Absence of Association Between <i>Leishmania</i> sp., FIV and FeLV Infections, in Cats From an Endemic Area for Visceral Leishmaniasis in Brazil

295	Mary Marcondes	Evaluation of the Skeletal Musculature of Dogs With Visceral Leishmaniasis by Means of Electromyography
296	Mary Marcondes	Histopathological Evaluation of the Skeletal Muscle of Dogs With Visceral Leishmaniasis
297	Alexandre Daniel	Flow-Cytometric Analysis of Peripheral Blood T Lymphocyte Subsets CD4+, CD8+ and CD4:CD8 Ratio in Maine Coon Cats With Chronic Gingivitis
298	Kelly McCord	Methicillin-Resistant <i>Staphylococcus spp.</i> Contamination of Stethoscopes in a Small Animal Veterinary Teaching Hospital
299	Joseph Blondeau	Killing of <i>Staphylococcus pseudintermedius</i> by Enrofloxacin and Its Active Metabolite Ciprofloxacin Using Clinically Relevant Drug Concentrations
300	Michael Lappin	Prevalence of Selected Zoonotic and Vector-Borne Agents in Dogs and Cats on the Pine Ridge Reservation
301	Rebecca Ruch-Gallie	Feline Herpesvirus-1 and Feline Calicivirus Molecular Diagnostic Assay Results in Adult Cats After Booster Vaccination With Modified Live Products
302	Jessica Midence	Assessing the Effect of Recent <i>Leptospira</i> Vaccination on Whole Blood Quantitative PCR Testing in Dogs
303	Alyssa Chandler	Assessing Renal Colonization in Dogs 15 Months after Receiving a Multi-Serovar Bacterin Based Vaccine, vs Unvaccinated Dogs, All Experimentally Infected With <i>Leptospira kirschneri</i> Serovar Grippotyphosa
304	Yasuyuki Endo	A Nation-Wide Molecular Epidemiological Survey of Feline Hemotropic Mycoplasma Infections in Japan
305	Jo Ann Morrison	Retrospective Investigation of Survival Factors in Canine Disseminated Histoplasmosis
306	Mellora Sharman	Distribution of Clotrimazole and Enilconazole in the Frontal Sinuses and Nasal Cavity of Dogs With Sinonasal Aspergillosis
307	Ramaswamy Chandrashekar	Canine Exposure to <i>Borrelia burgdorferi</i> and <i>Anaplasma phagocytophilum</i> in an Emergent Area: Use of a Multi-Target Elisa at Two Geographic Scales
308	Brett Stillman	Performance Comparison of Species-Specific Peptide-Based Assays With Immunofluorescence Assays for Detection of Canine Antibodies to <i>Anaplasma</i> and <i>Ehrlichia spp.</i>
309	Elise Gingrich	Common Enteric Pathogens in Cats Before and After Placement in an Animal Shelter
310	Andrea Wang	Prevalence of <i>Giardia spp.</i> and <i>Cryptosporidium spp.</i> in Veterinary Student Owned Dogs That Frequent Dog Parks
311	Shawn Bybee	Effect of <i>Enterococcus Faecium</i> SF68 Supplementation on Diarrhea in Cats Housed in a Northern Colorado Animal Shelter
312	Erin Dvir	C-Reactive Protein Concentration in Benign and Malignant Canine Spirocercosis

SMALL ANIMAL – NEPHROLOGY/UROLOGY

313	Michael Zaid	Feline Ureteral Strictures: 10 Cases (2007-2009)
314	Jessica Clemans	Development of a High Performance Liquid Chromatography Serum Vitamin B6 Assay in Canines With Calcium Oxalate Urolithiasis
315	Jessica Quimby	The Pharmacokinetics of Mirtazapine in Cats With Chronic Kidney Disease
316	Miki Nishida	Glomerular Filtration Rates Measured Using Pharmacokinetic Analysis of Blood Inulin in Healthy Cats
317	Miki Nishida	Glomerular Filtration Rates Measured Using Pharmacokinetic Analysis of Blood Inulin in Healthy Dogs
318	Bernard Schmidt	Longitudinal Follow Up of Cats With Reduced Renal Mass
319	Ryan Brock	Comparison of Urine Sodium Dodecyl Sulfate-Polyacrylamide Gel Electrophoresis (SDS-PAGE) With Renal Histologic Findings in Dogs with Renal Disease
320	Shiguang Yu	Age Associated Diminishing Urine Concentrating Ability in Apparently Healthy Cats
321	Adam O'Connell	Comparative Clinical Evaluation of BD Vacutainer™ Plus Urinalysis Preservative Tube and Plastic Tube for Urinalysis in Dogs and Cats
322	Michael Wood	Immunologic Testing of Dog Urine Requires Neutralization of Matrix Effects To Allow for Accurate Measurement of IL-6 Concentrations
323	Mary Nabity	Surface Enhanced Laser Desorption Ionization (SELDI) Analysis of Urine From Male Dogs in Early Stages of Progressive Tubulointerstitial Injury Due to X-linked Hereditary Nephropathy
324	Kayoko Harada	New Procedure for Implanting Peritoneal Dialysis Catheters in Small Animals

SMALL ANIMAL – NUTRITION/METABOLISM

325	Nolan Frantz	Effect of a Test Food on Whole Blood Gene Expression in Cats With Appendicular Degenerative Joint Disease
326	Nolan Frantz	Effect of Prescription Diet® Canine J/D™ on Whole Blood Gene Expression in Dogs With Osteoarthritis
327	Dale Fritsch	An Open-Label, Prospective Study Evaluating the Response to Feeding a Veterinary Therapeutic Diet in Cats with Degenerative Joint Disease
328	Dale Fritsch	Improvement of Clinical Signs of Osteoarthritis in Cats by Dietary Intervention
329	Nolan Frantz	Effect of Prescription Diet® Canine B/D™ on Inflammatory Biomarkers and Gene Expression Changes in Geriatric Dogs
330	Sharon Center	Lean Body Mass (LBM) Normalizes Daily Resting Energy Expenditure (REE) in Healthy Adult Cats (n=57) of Varied Body Conditions
331	Steve Zicker	Lipoic Acid Improves GSH:GSSG Ratio in Dogs Fed Lipoic Acid in Dry Dog Food
332	Lynda Melendez	Inducing Dietary Ketosis is Safe and Effective in Providing Weight Loss in Cats
333	Shiguang Yu	Body Weight is a Major Predictor of Body Composition in Grown Cats
334	Nolan Frantz	The Effect of Dietary Crude Protein and Lysine:Calorie Ratio on Body Composition and Kidney Measures in Healthy Adult and Geriatric Cats

335	Lynda Melendez	Maintenance of Lean Body Mass in Senior Cats Fed a Low Protein Therapeutic Renal Food
336	Brianna Backlund	Effects of the Level of Dietary Protein on Renal Indices in Normal Adult Cats
337	Dennis Jewell	Neutrophil Cell Killing Percent and Neutrophil-Related Gene Expression Decline With Age in Dogs
338	Dennis Jewell	Protein Concentrations Consistent With Controlled Protein Renal Foods Maintains Lean Body Mass in Senior Dogs
339	Caroline Horner	Effectiveness of Subcutaneous Fluid Administration on the Reduction of Urolithiasis Risk as Measured by Relative Supersaturation (RSS) in Healthy Cats

SMALL ANIMAL – PHARMACOLOGY

340	Butch KuKanich	Pharmacokinetics of Hydrocodone and Its Metabolite Hydromorphone After Oral Hydrocodone Administration to Dogs
341	Jérôme Leemans	Characterization of In Vitro Relaxant Effects of β 2-adrenoceptor Agonists on Isolated Cat Bronchi
342	Christophe Hugnet	Emodepside Sensitivity in Australian Shepherd is Associated With Deletion Mutation of the MDR1 Gene
343	Michael Lappin	Systemic Effects of a Commercial Preparation of Chondroitin Sulfate, Hyaluronic Acid and N-acetyl-D-glucosamine When Administered
344	Koya Fukunaga	Effect of St John's Wort on Pharmacokinetics of Cyclosporine and Cytochrome P450 Gene Expression in Dogs

SMALL ANIMAL – RESPIRATORY

345	Marta Planellas	Histological Properties of the Soft Palate Tissue: Comparison Between Human and Dogs With Upper Airway Obstruction
346	Christine Venema	Histopathologic and Morphometric Evaluation of the Nasal Airways of Cats With Experimentally-Induced Asthma

SMALL ANIMAL – OTHER

347	Astrid Bigio	Serum NT Pro-CNP Concentration Differentiates Sepsis From SIRS In Dogs
348	Ricardo Duarte	Prognostic Model for Critically Ill Dogs
349	Hanna Plickert	Evaluation of a Canine C-Reactive Protein (CRP) Point-of-Care Test
350	Elizabeth Spangler	Monitoring Hemostasis in Dogs Using Thromboelastography (TEG): Stability of TEG Values Measured in Healthy Dogs Over Three Consecutive Days

EQUINE

351	JoAnn Slack	Survey of Cardiac Arrhythmias and Myocardial Injury in Standardbred Racehorses
352	Adrienne Viljoen	Changes in Serum Cardiac Troponin I Concentration After Semen Collection in Stallions
353	Cristobal Navas de Solis	Severe Hemorrhage and Myocardial Injury in Horses
354	Kate Borer	Seasonal Influence on Insulin and Cortisol Results from Overnight Dexamethasone Suppression Tests (DST) in Normal and Previously Laminitic Ponies
355	Nicole du Toit	Determination of Serum Insulin and Insulin Resistance in Clinically Normal Donkeys and Donkeys With a History of Laminitis (Obese and Non-Obese)
356	Amy Schuver	Use of an Oral Sugar Test to Assess Insulin Sensitivity in Healthy and Insulin-Resistant Horses
357	Kelly Chamero	Effects of Levothyroxine Sodium on Body Condition, Blood Measures of Metabolic Status, and Glucose Dynamics in Horses With Equine Metabolic Syndrome (EMS)
358	Kelly Chamero	Validation of an Enzyme-Linked Immunosorbent Assay (ELISA) for Measurement of Active Glucagon-Like Peptide 1 (GLP-1) in Equine Plasma
359	Kelly Chamero	Plasma Glucagon-Like Peptide 1 (GLP-1) Concentrations in Response to an Oral Sugar Test in Healthy and Insulin-Resistant Horses
360	Nichol Schultz	Assessment of Intramyofiber Lipid Content in Horses
361	Lais Costa	Variability of Nutrient Composition of Grass Hay Forage Fed to Horses in New England
362	Anne Wooldridge	Characterization of Adiponectin Protein Complexes in the Horse
363	Anne Wooldridge	High Molecular Weight Adiponectin is Reduced in Horses With Obesity and Inflammatory Disease
364	Teresa Burns	Characterization of Adipose Tissue Macrophage Infiltration in Insulin-Resistant and Insulin-Sensitive Light Breed Horses
365	Harold Schott, II	Urinalysis and Urine Culture Results in Aged Mares With and Without Pituitary Pars Intermedia Dysfunction
366	Ben Buchanan	Effects of Season on Adrenocorticotropic Hormone (ACTH) Concentrations in a Group of Horses Located in the State of Texas
367	Luciana Bergamasco	Electroencephalography Assessment in Adult, Geriatric and Geriatric Horses With Suspected Pituitary Pars Intermedia Dysfunction: A Preliminary Study
368	Alexandra Burton	The Molecular Epidemiology of Giardia Shedding in Horses and Alpacas in New York State
369	Alexandra Burton	Identification of the Cryptosporidium Horse Genotype from Foals in New York State
370	Jenifer Gold	Sequential Plasma Concentrations of Adrenocorticotropic and Cortisol in Term Septic Neonatal Foals Compared to Healthy Non-Septic Foals
371	Kelsey Hart	Daily Endogenous Cortisol Production and Hydrocortisone Pharmacokinetics in Healthy Neonatal Foals and Adult Horses
372	Melinda Himler	Thyroid Hormones in Healthy, Sick Non-Septic and Septic Foals
373	Nicola Pusterla	Comparison of Feces Versus Rectal Swabs for the Molecular Detection of <i>Lawsonia intracellularis</i> in Foals With Equine Proliferative Enteropathy
374	Nicola Pusterla	Oral Infection of Weanling Foals With an Equine Isolate of <i>Lawsonia intracellularis</i> , Agent of Equine Proliferative Enteropathy
375	Nicola Pusterla	Molecular Investigation of the Viral Kinetics of Equine Herpesvirus-1 in Blood and Nasal Secretions of Horses Following Corticosteroid-Induced Recrudescence of Latent Infection
376	Niamh Collins	Two-Dimensional and M-Mode Echocardiographic Findings in Healthy Thoroughbred Foals
377	Niamh Collins	Serum Triglyceride Concentrations at Admission in Critically Ill Foals Less Than Two Days of Age

378	Joan Carrick	The Incidence of Placentitis in the Dams of Foals Admitted to an Equine Neonatal Intensive Care Unit
379	Pamela Wilkins	The Effect of Intravenous Plasma Administration on Fibrinogen Concentration in Sick Neonatal Foals
380	Pamela Wilkins	Preliminary Results From a Prospective Multi-Center Study of the Association of Lactate Concentration With Survival in Sick Neonatal Foals
381	Pamela Wilkins	Arterial Blood Gas Parameters and Lactate Concentration in Normal Awake Standing Horses Receiving Intravenous Phenylephrine Infusions
382	Pamela Wilkins	Blood Gas Parameters in Normal Horses Receiving Intravenous Sodium Lactate Infusion
383	Lutz Goehring	EHV-1 Infection of Central Nervous System Endothelial Cell: Is PBMC Adhesion Necessary for Endothelial Cell Infection?
384	Allan Page	Use of Serial Serological and Fecal PCR Testing for Targeted Treatment of Weanling Foals on a Farm With Endemic <i>Lawsonia intracellularis</i>
385	Imogen Johns	The Normal Conjunctival Bacterial and Fungal Flora of Horses in the United Kingdom
386	Imogen Johns	Identification and Persistence of Antimicrobial Resistance in Fecal <i>Escherichia coli</i> in Horses Treated With Antimicrobials: Preliminary Findings
387	Steeve Giguere	Effects of a Commercially Available Immunostimulant on Cytokine Secretion and Prevalence of Pneumonia on a Farm With Endemic Infections Caused by <i>Rhodococcus equi</i>
388	Brandy Burgess	Nasal Shedding of Equine Herpesvirus-1 from Horses in an Outbreak of Equine Herpes Myeloencephalopathy in Western Canada
389	Gillian Perkins	RNA Interference Does Not Protect Against Experimental Equid Herpesvirus Type 1 (EHV-1) Infection
390	Veronique Lacombe	Classification of Epileptic Seizures in Horses: An Epidemiologic Study of 104 Cases (1988-2009)
391	Jérôme Leemans	Enzymatic and Oxidative Markers in Synovial Fluid and Chondrocyte Cultures
392	Teresa Burns	Role of Nitrosative Stress in the Pathophysiology of Experimentally-Induced Equine Laminitis: A Comparison of Two Models
393	Changaram Venugopal	Induction of Insulin Resistance in Equine Digital Vessel Rings
394	Jamie Wearn	Pharmacokinetics of Pioglitazone in Horses After Multiple Dose Oral Administration
395	Grace Forbes	Effects of Hyperimmune Equine Plasma on Clinical and Cellular Responses in a Low-Dose Endotoxemia Model in Horses
396	Margaret Wilson	Lidocaine Does Not Prevent Neutrophil Influx or Attenuate Lung Function in Heaves-Affected Horses
397	Sabrina Cummings	Effects of Cold Air Exercise on the Innate Immune Function of Equine Airway Leukocytes
398	Alicia Cattaneo	Endocrine Response to Resuscitation Solutions in Healthy Horses: 7.2% NaCl And 6% Hetastarch
399	Frank Andrews	Role of Cellular Sodium Transport in Nonglandular Equine Gastric Ulcer Disease
400	Britta Leise	Inflammatory Gene Expression in the Liver, Lung, and Kidney in the Carbohydrate Overload Model of Equine Laminitis
401	Nicholas Frank	Assessment of Two Experimental Models for Prolonged (48 Hours) Endotoxemia in Horses
402	Grace Forbes	Activin A in Plasma From Horses With Acute Gastrointestinal Disease: Biomarker Comparison With TNF α and Serum Amyloid A
403	Stephanie Smith	Results of Thromboelastometry Following Recalcification of Citrated Equine Whole Blood Are Strongly Influenced by Sample Storage
404	Lowella Heinecke	Inhibition of Prostaglandin E2 Production in Equine Chondrocytes by Pentosan Polysulfate and N-Acetylglucosamine Combinations
405	Alexandre Borges	Hepcidin Gene Expression and Plasma Iron Following Intramuscular Injection of Freund's Complete Adjuvant to Horses
406	Marian Little	Equine Serological Responses to Commercial Vaccines
407	Clare Ryan	Humoral Immune Responses to a Killed Adjuvanted Vaccine. Do Foals Respond Like Adult Horses?