

ABSTRACT**2023 ACVIM Forum Research Abstract Program**

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2023 ACVIM Forum
June 14–October 31, 2023

Research Abstract Oral Program**Index of Abstracts****WEDNESDAY, JUNE 14**

Time	#	Presenting Author	Abstract Title
CARDIOLOGY			
3:45 PM	C01	Bruna Del Nero	Two-dimensional Quantitative Methods for Evaluation of Mitral Regurgitation Severity in Canine Degenerative Mitral Valve Disease (ACVIM Resident Research Award Eligible & Cardiology Research Abstract Award Eligible)
4:00 PM	C02	Luke Dutton	Repeatability of Early versus Late Diastolic Left Atrium/Aorta in Cats with Hypertrophic Cardiomyopathy (ACVIM Resident Research Award Eligible & Cardiology Research Abstract Award Eligible)
4:15 PM	C03	Sarifa Lakhdir	Two- and Three-Dimensional Echocardiographic Assessment of Canine Left Ventricular Outflow Tract Velocity and Area (ACVIM Resident Research Award Eligible & Cardiology Research Abstract Award Eligible)
4:30 PM	C04	Luke Dutton	Significance of Degenerative Tricuspid Valve Disease in Dogs that have Undergone Mitral Valve Repair (ACVIM Resident Research Award Eligible & Cardiology Research Abstract Award Eligible)
NEUROLOGY			
3:45 PM	N01	Christopher Adams	Degradation of Midazolam over Time in a Simulated Home Environment (ACVIM Resident Research Award Eligible)
4:00 PM	N02	Sarvenaz Bagheri	Effect of Postoperative N-Acetylcysteine on Canine Myelopathy Secondary to Intervertebral Disc Extrusion (ACVIM Resident Research Award Eligible)
4:15 PM	N03	Megan Lin	Clinical Characteristics Associated with Cervical Hydrated Nucleus Pulposus Extrusion in Canines (ACVIM Resident Research Award Eligible)
4:30 PM	N04	Wojciech Panek	The CCL2/CCR4 Axis in Regulatory T-cell Trafficking to Canine Glioma - A Novel Therapeutic Target (ACVIM Resident Research Award Eligible)

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ONCOLOGY

3:45 PM	O01	Katie Dittrich	Baseline Tumor Gene Expression Signatures Correlate with Chemotherapy Treatment Responsiveness in Canine B Cell Lymphoma (ACVIM Resident Research Award Eligible)
4:00 PM	O02	Regina Hayburn	The Immune Landscape of Canine Soft Tissue Sarcomas (ACVIM Resident Research Award Eligible)
4:15 PM	O03	Keira Sztukowski	Vincristine-Induced Adverse Events as Related to Body Weight in Dogs Treated for Lymphoma (ACVIM Resident Research Award Eligible)
4:30 PM	O04	Skylar Sylvester	Tolerability and Efficacy of Adjuvant Temozolomide and Doxorubicin Combination Chemotherapy for Canine Splenic Hemangiosarcoma (ACVIM Resident Research Award Eligible)

SMALL ANIMAL INTERNAL MEDICINE - ENDOCRINOLOGY

3:45 PM	EN01	Frederik Allan	Expression of Steroidogenic Enzymes in Canine Functional and Non-functional Adrenocortical Tumors (ACVIM Resident Research Award Eligible)
4:00 PM	EN02	Morgan Brown	The Impact of Single-dose Trazodone on Endogenous Adrenocorticotropic Hormone and Cortisol Concentrations in Healthy Dogs (ACVIM Resident Research Award Eligible)
4:15 PM	EN03	Jessica Herman	Evaluating a Second-generation Flash Glucose Monitoring System in Nondiabetic Dogs with Rapidly Induced Hypoglycemia (ACVIM Resident Research Award Eligible)
4:30 PM	EN04	Lauren Porter	Selective Osmotic Shock for the Isolation of Feline Pancreatic Islets of Langerhans (ACVIM Resident Research Award Eligible)

SMALL ANIMAL INTERNAL MEDICINE - GASTROENTEROLOGY

3:45 PM	GI01	Samantha Barth	ADAMTS13 Activity in Dogs with Chronic Enteropathies (ACVIM Resident Research Award Eligible)
4:00 PM	GI02	Petra Cerna	Clinicopathological Findings, Treatment and Outcome of 60 cats with Feline Gastrointestinal Eosinophilic Sclerosing Fibroplasia (ACVIM Resident Research Award Eligible)
4:15 PM	GI03	Mary Bollman	Management of Benign Esophageal Strictures in Dogs and Cats – Long-Term Follow-Up of 32 cases (ACVIM Resident Research Award Eligible)
4:30 PM	GI04	Chelsea Lim	Evaluation of KI-67, Goblet Cell and MUC2 Mucin Expression in Canine Lymphoplasmacytic and Granulomatous Colitis (ACVIM Resident Research Award Eligible)

THURSDAY, JUNE 15

Time	Presenting Author	Abstract Title
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CARDIOLOGY

10:00 AM	C05	Michelle Oranges	Prospective Characterization of Electrocardiographic, Echocardiographic, and Natriuretic Peptide Changes Following Radioiodine Therapy in Hyperthyroid Cats (ACVIM Resident Research Award Eligible & Cardiology Research Abstract Award Eligible)
10:15 AM	C06	Evan Ross	Utility of Radiographic Heart Size Measurements for Predicting Heart Failure in Dogs with Respiratory Distress (ACVIM Resident Research Award Eligible & Cardiology Research Abstract Award Eligible)
10:30 AM	C07	Graham Rossi	Laboratory and Clinical Findings in Cats Receiving Amiodarone for Treatment of Supraventricular and Ventricular Arrhythmias (ACVIM Resident Research Award Eligible & Cardiology Research Abstract Award Eligible)
10:45 AM	C08	Rachel Van Zile	Hemodynamic Responses to Alternative Right Ventricular Pacing Site measured in 8 Dogs with AV Block. (ACVIM Resident Research Award Eligible & Cardiology Research Abstract Award Eligible)
11:15 AM	C09	Kristen Verdoorn	Evaluation of Occult Gastrointestinal Bleeding in Canine Left-Sided Congestive Heart Failure: A Pilot Study (ACVIM Resident Research Award Eligible & Cardiology Research Abstract Award Eligible)
11:45 AM	C11	Karsten Schober	Echocardiographic Assessment of Aortic Root Size in 220 Healthy Cats
12:00 PM	C12	Ryan Fries	Accuracy of Bionote Point-of-care Quantitative N-terminal Pro-brain Natriuretic Peptide Assay in Dyspneic Dogs and Cats
1:45 PM	C13	Kentaro Kurogochi	Mitral Valve Repair Outcomes in Different Dog Breeds
2:00 PM	C14	Emily Gavic	Clinical, Electrocardiographic, and Diagnostic Imaging Features and Outcomes in 23 Cats with Ventricular Preexcitation
2:15 PM	C15	Lauren Quigley	Hemodynamic, Echocardiographic, Electrocardiographic, and Behavioral Effects of Oral Trazodone in Healthy Dogs
2:30 PM	C16	Todd Sumerfield	Comparison of Two-dimensional Transesophageal Echocardiographic Quantification of Mitral Valve Annular Area with Three-dimensional Planimetric Imaging
3:00 PM	C17	Sonja Tjostheim	Effect of Amiodarone, Diltiazem, or Both on Heart Rate Control in Dogs with Atrial Fibrillation

3:15 PM	C18	Brianna Potter	Transpulmonary Stent Implantation in 60 dogs with Congenital Pulmonary Valve Stenosis
3:30 PM	C19	Rachel Melvin	Subclinical Cardiovascular Abnormalities in Apparently Healthy, Aged, Dogs Screened for a Large Randomized Clinical Trial
3:45 PM	C20	Chung-Yao Yin	Clinical Findings, Outcomes and Risk Factors in 100 Dogs Hospitalized for Acute Cardiogenic Pulmonary Edema
4:30 PM	C21	Lara Barron	Development and Validation of a Machine Learning Algorithm to Detect Canine Heart Murmurs
4:45 PM	C22	MIN SU KIM	Use of a Newly Developed Vascular Occluder System for Closing Patent Ductus Arteriosus in Dog
5:00 PM	C23	Kentaro Kuroguchi	Reperfusion Ventricular Fibrillation in Mitral Valve Repair: A Comparison of Blood Cardioplegia and Crystalloid Cardioplegia
5:15 PM	C24	Lauren Markovic	Transcatheter Occlusion of Patent Ductus Arteriosus: Multicenter Collaborative Study Across Pediatric and Veterinary Cardiology Centers
5:30 PM	C25	Marisa Ciccozzi	Amplatz Canine Duct Occluder for Patent Ductus Arteriosus Occlusion in Dogs: Outcomes and Complications
5:45 PM	C26	Erin McCarragher	Hemodynamic, Echocardiographic, and Sedative Effects of Oral Trazodone in Healthy Dogs
11:30 AM	C33	Shira Burg	Allosteric Inhibitors Targeting the Calmodulin-pip2 Interface of SK4 K ⁺ Channels for Atrial fibrillation Treatment

NEUROLOGY

10:00 AM	N05	Ashley Potts	Kinematic Evaluation of Lumbosacral Vertebral Region in Large-breed Dogs with and Without Degenerative Lumbosacral Stenosis (ACVIM Resident Research Award Eligible)
10:15 AM	N06	Aaron Rozental	Double-blinded Crossover Trial of Adjunct Treatment with Cannabidiol in 51 Dogs with Refractory Idiopathic Epilepsy (ACVIM Resident Research Award Eligible)
10:30 AM	N07	Alexa Stephen	Evaluation of microRNA Dysregulation as a Prognostic Indicator in Dogs with Spinal Cord Injury (ACVIM Resident Research Award Eligible)
10:45 AM	N08	Go Togawa	Clinical Outcome in Paraplegic Dogs with Fibrocartilaginous Embolic Myelopathy or Acute Non-compressive Nucleus Pulposus Extrusion (ACVIM Resident Research Award Eligible)
11:15 AM	N09	Cecilia-Gabriella Danciu	Concurrent Conditions and Long-term Outcome Associated with Canine Ischemic Stroke
11:30 AM	N10	Eileen Donoghue	Causal Agents and Imaging in 85 Dogs Diagnosed with Discospondylitis (2018–2022)
11:45 AM	N11	Nicole Block	Utility of Thoracic Radiography Before Advanced Imaging in Dogs with Presumed Intervertebral Disc Herniation
12:00 PM	N12	Devon Hague	Veterinary Students' Perception of Their Knowledge and Comfort of Clinical Neurology Prior to Their Rotation
1:45 PM	N13	Leanne Jankelunas	Novel COL6A3 Frameshift Mutation Causes Ullrich-Like Congenital Muscular Dystrophy In American Staffordshire Terrier Dogs
2:00 PM	N14	Melissa Lewis	Land Treadmill Gait Scoring Adapted for Underwater Treadmill in Dogs with Thoracolumbar Intervertebral Disc Extrusion
2:15 PM	N15	Theofanis Liatis	Idiopathic and Structural Episodic Non-intentional Head Tremor Syndrome in Dogs: 100 Cases (2004–2022)
2:30 PM	N16	Kara Majors	Efficacy of High Dose Cytarabine in 62 Dogs with Severe Meningoencephalitis of Unknown Etiology (MUE)

NUTRITION

4:30 PM	NM01	Aulus Carciofi	A High Starch Kibble Diet Favor Body Weight Control in Neutered Cats Fed ad libitum
4:45 PM	NM02	Itsuma Nagao	High-Fat Diet Enhances Stemness and Compromises Intestinal Permeability in a Translational Canine Colonoid Models
5:00 PM	NM03	Caitlin Grant	Investigating Differences in Energy Density and Theoretical Calorie Intake of Canadian Raw Diets for Dogs
5:15 PM	NM04	Davide Stefanutti	Effect of Spirulina (<i>Arthrospira platensis</i>) Supplementation in Overweight Dogs Undergoing a Weight Loss Program

SMALL ANIMAL INTERNAL MEDICINE - ENDOCRINOLOGY

11:15 AM	EN05	Jessica Box	Effect of Sodium-Glucose Cotransporter 2 Inhibitor, Canagliflozin, on Interstitial Glucose in Diabetic Insulin Treated Dogs
11:30 AM	EN06	Sophie Broughton	A Comparison of Biochemical Findings in Cats with Diabetes Mellitus Between Different Body Condition Categories
11:45 AM	EN07	Susan Carr	The Effect of Storage Conditions on Canine Free Thyroxine Measurement by Chemiluminescence and Bulk-Acoustic-Wave Assays
1:45 PM	EN09	Molly Bechtold	Untargeted Serum Metabolomic Profiles in Hyperthyroid Cats Before and After I-131 Therapy

2:00 PM	EN11	Cody Brady	Analytic Performance of a Veterinary-specific Biosensor-based Assay for Canine Serum Cortisol Measurement
2:15 PM	EN12	Samuel Stewart	New Generation Device for Blood Glucose Monitoring in Cats
3:00 PM	EN13	Victoria Travail	Likelihood Assessment of Hypothyroidism in Dogs Treated for Hypothyroidism at Primary Care Practices
3:15 PM	EN14	Jonathon Williams	Concurrent Disorders of Cats with Diabetes Mellitus and Arterial Systolic Hypertension
3:30 PM	EN15	Shino Yoshida	Adrenal Incidentaloma: Epidemiology, Clinicopathological Evaluation, Vascular Invasion Pattern, and Histopathological Results
3:45 PM	EN16	Marit van den Berg	Whole Transcriptome Analysis of Canine Pheochromocytoma and Paraganglioma (ESVE Award Winner)

SMALL ANIMAL INTERNAL MEDICINE - GASTROENTEROLOGY

10:00 AM	GI05	Douglas Margarucci	Comparison of Gastroesophageal Reflux between Nasoesophageal and Nasogastric Tubes in Dogs Undergoing Enteral Nutrition (ACVIM Resident Research Award Eligible)
10:15 AM	GI06	Amanda Blake	Expanded Fecal Bile Acid Profile in Dogs with Chronic Enteropathy
10:30 AM	GI07	Chee-Hoon Chang	Efficacy of Oral or Injectable Supplementation with Cobalamin in Cats with Hypocobalaminemia
10:45 AM	GI08	Chih-Chun Chen	Evaluation of the Abundance of <i>Ruminococcus gnavus</i> in Dogs with Chronic Enteropathies
11:15 AM	GI09	Bruna Correa Lopes	Stability of Frozen and Lyophilized <i>Clostridium hiranonis</i> in Fecal Microbiota Transplantation Preparations
11:30 AM	GI10	Evan Cosgrove	Assessment of Mucosal Fibrosis and its Correlation with Disease Severity in Cats with Chronic Enteropathy
11:45 AM	GI11	Floris Drões	Effect of Low-Fat Diet on Serum Triglyceride and cPLI Concentrations in Dogs with Hypertriglyceridemic Pancreatitis
12:00 PM	GI12	Connie Rojas	Microbiome Responses to Oral Fecal Microbiota Transplantation in a Cohort of Domestic Dogs

SMALL ANIMAL INTERNAL MEDICINE - HAEMATOLOGY

4:30 PM	HM01	Kelly Chappell	Sample Collection Effect on Canine Fecal Occult Blood Testing and Utility of Hemoglobin Immunochemical Tests (ACVIM Resident Research Award Eligible)
4:45 PM	HM02	Antoine Duclos	Leukocyte and Platelet Ratios in Dogs Diagnosed with Non-associative Immune-mediated Hemolytic Anemia
5:00 PM	HM03	Francisco De Membiela	Neutrophil-lymphocyte Ratio, Platelet-lymphocyte Ratio and Mean Platelet Volume as Prognostic Biomarkers in Critically Ill Dogs
5:15 PM	HM04	Elizabeth Luciani	β 1-tubulin Mutations in Non-Cavalier King Charles Spaniel Dogs with Macrothrombocytopenia (ACVIM Resident Research Award Eligible)
5:30 PM	HM05	Kimberly Yore	Red Blood Cell Indices Performance to Detect Reticulocytosis in Anemic and Non-anemic Dogs in Taiwan
5:45 PM	HM06	Gina Dinallo	Heparin Induced VCM Tracing Changes Compared to Aptt and Anti-xa Activity in ex-vivo Canine Blood

SMALL ANIMAL INTERNAL MEDICINE - HEPATOLOGY

10:00 AM	HP01	Loni Albrecht	Hematological Parameters Do Not Correlate to Survival in Dogs with Multiple Acquired Portosystemic Shunts (ACVIM Resident Research Award Eligible)
10:15 AM	HP02	Andrea Johnston	Liver Shear Wave Elastography Validated by Hepatic Histology in Normal Cats
10:30 AM	HP03	Itsuma Nagao	Canine Patient-derived Gallbladder Organoids for Personalized Gallbladder Mucocele Modeling and Drug Screening
10:45 AM	HP04	Adrian Tinoco Najera	Serial Quantification of Serum MicroRNA 122 in Dogs with Acute Liver Injury

SMALL ANIMAL INTERNAL MEDICINE - INFECTIOUS DISEASE

3:00 PM	ID01	Skyler Caldwell	Canine Cholecystitis Secondary to <i>Hammondia</i> spp. Tachyzoite Infection (ACVIM Resident Research Award Eligible)
3:15 PM	ID02	Jeff Bender	Detection of Carbapenemase-producing <i>E. coli</i> through a Veterinary-Public Health Surveillance Partnership – Minnesota, 2022
3:30 PM	ID03	Meg Nakazawa	Enterohemorrhagic <i>Escherichia coli</i> Reduces Mucus and Barrier Integrity in Translational Canine Colonoid-Derived Monolayers
3:45 PM	ID04	Erin Lashnits	Flea-borne Pathogens in Fleas from Naturally Infested Dogs and Cats in Private Homes in Florida
4:30 PM	ID05	Christian Leutenegger	Frequency of Intestinal Parasites in Dogs and Cats Identified by Molecular Diagnostics

4:45 PM	ID06	Beth Licitra	Sites of Feline Coronavirus Persistence in Cats
5:00 PM	ID07	JoAnn Morrison	Outcomes of Naturally Occurring Canine Heartworm Infection
5:15 PM	ID08	Rodolfo Oliveira Leal	Can We Predict Xanthinuria in Dogs with Leishmaniasis Undergoing Allopurinol Treatment? – a Retrospective Study
5:30 PM	ID09	Víctor Oppenheimer Lúgaro	Trends and Risk Factors for Multidrug-Resistant Canine Urinary Tract Infections (2009–2013; 2017–2021)
5:45 PM	ID10	Madeleine Stein	Use of an Online Questionnaire to Monitor the Success of a Hospital Antimicrobial Stewardship Program (ACVIM Resident Research Award Eligible)

SMALL ANIMAL INTERNAL MEDICINE - NEPHROLOGY/UROLOGY

1:45 PM	NU01	Eleanor Brown	Feline Urine Ammonia-to-creatinine Ratio Reference Interval (ACVIM Resident Research Award Eligible)
2:00 PM	NU02	Eleanor Brown	Correlation of Ammonia Excretion with Renal Function and Serum Bicarbonate in Cats with Kidney Disease (ACVIM Resident Research Award Eligible)
2:15 PM	NU03	Colleen Bourque	Complications Associated with Percutaneous Ultrasound-guided Renal Biopsy in 51 Dogs
2:30 PM	NU04	Hilla Chen	Comprehensive Assessment of Hemostasis in Dogs with Acute Kidney Injury and Chronic Kidney Disease

EQUINE

1:45 PM	E13	Paula Viviani	Seasonal Fluctuations in Baseline Adrenocorticotrophic Hormone and Insulin Levels in Healthy Horses in Saskatchewan (ACVIM Resident Research Award Eligible)
2:00 PM	E35	Carolyn Arnold	Functional Profiling of the Fecal Microbiome of Healthy Horses and those with Colitis
2:15 PM	E45	Cynthia Xue	Two Manual Noncommercial Methods of Platelet-Rich Plasma Preparation in Donkeys (<i>Equus asinus</i>)
2:30 PM	E47	Cassandra Baumgarten	The Acute Phase Response of Serum Amyloid A After Routine Vaccination in Healthy Adult Horses
10:00 AM	E49	Rosalie Fortin-Trahan	Investigation of Vitamin D Concentrations in Healthy Horses and Horses with Colitis (ACVIM Resident Research Award Eligible)
10:15 AM	E50	Camilo Jaramillo-Morales	Biosurveillance of <i>Streptococcus Equi</i> Subsp. <i>Equi</i> in Nasal Secretions of 9,409 Equids Across the USA (ACVIM Resident Research Award Eligible)
3:00 PM	E61	Daniel Jean	Nephrolithiasis in Horses: a Retrospective Study of 25 Cases (2007–2021)
11:15 AM	E62	Carla Enriquez	Evaluation of Real-time PCR for the Identification of <i>Sarcocystis neurona</i> in Equine Cerebrospinal Fluid (ACVIM Resident Research Award Eligible)
11:30 AM	E63	Megan Palmisano	8-hydroxy-2'-deoxyguanosine as a Potential Marker of Oxidative Damage in Horses with Neuroaxonal Degeneration (ACVIM Resident Research Award Eligible)
11:45 AM	E64	Clarisa Romero Hernandez	Utility of Phosphorylated Neurofilament-heavy (pNF-H) Assay in the Diagnosis of Equine Neurologic Disease (ACVIM Resident Research Award Eligible)
3:15 PM	E67	Elaine Norton	The Effect of Leucine and Pyridoxine on Metabolic Parameters in Ponies with Equine Metabolic Syndrome
3:30 PM	E69	camilla Quattrini	Evaluation of Serum sCD14 Concentration as Biomarker of Illness and Sepsis in Neonatal Thoroughbred Foals
10:30 AM	E73	Camilo Jaramillo-Morales	Effects of Fluid Resuscitation on Venous Blood Gases and Electrolytes in Critically Ill Neonatal Foals (ACVIM Resident Research Award Eligible)
10:45 AM	E74	Catherine Jula	Single Dose Pharmacokinetics of Pimobendan and O-deoxymethylpimobendan (ODMP) in Healthy Adult Horses (ACVIM Resident Research Award Eligible)
12:00 PM	E78	Carla Olave	Specialized Pro-resolving Lipid Mediators Modulate the Effect of Dust Exposure on Airway Neutrophilia in Racehorses (ACVIM Resident Research Award Eligible)
3:45 PM	E79	Laurence Leduc	Severe Equine Asthma Is Associated with Increased Airway Innervation

FRIDAY, JUNE 16

Time	Presenting Author	Abstract Title
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ONCOLOGY

2:45 PM	O05	Joelle Fenger	Tolerability Evaluation of Combination Verdinexor (LAVERDIA-CA1) and Doxorubicin in Tumor-bearing Dogs
3:00 PM	O06	Jeong-Hwa Lee	Tumor Necrosis Factor Stimulated Gene 6 Intrinsically Regulates PD-L1 Expression, Modulating the Breast Cancer Microenvironment.
3:15 PM	O07	Chen-Si Lin	Kynurenine 3-monooxygenase and ki67 Are Effective Biomarkers for Canine Cancer Diagnosis

3:30 PM	O08	Nick Parkinson	Genome-wide CRISPR Knockout Screening Identifies Candidate Molecular Targets for Canine Oral Melanoma
4:30 PM	O09	Allison O'Kell	Patient Outcomes When Liquid Biopsy Was Used as an Aid in Diagnosis for Cancer
4:45 PM	O10	Andi Flory	Evaluation of a Next-generation Sequencing-based Liquid Biopsy Test for Cancer Monitoring in Dogs
5:00 PM	O11	Emily Rawlings	Neutropenia-induced Adverse Events Following CCNU with or Without Prophylactic Antibiotics in Dogs
5:15 PM	O12	Aryana Razmara	Single-Cell Analysis of Natural Killer Cells in Response to Immunotherapy in First-in-Dog Clinical Trials
5:30 PM	O13	Lucas Rodrigues	Clinico-genomics Analysis of Canine Anal Sac Adenocarcinoma: Genomic Profile and Treatment Opportunity
5:45 PM	O14	William Hendricks	Mutation Landscape and Clinical Actionability in Canine Osteosarcoma

SMALL ANIMAL INTERNAL MEDICINE - GASTROENTEROLOGY

8:00 AM	GI13	Holly Ganz	Five Years of Insights from a Fecal Stool Bank for Domestic Cats and Dogs
8:15 AM	GI14	Romy Heilmann	Serum Concentrations of Calprotectin, S100A12, and alpha1-proteinase Inhibitor in Dogs with Pancreatitis
8:30 AM	GI15	Romy Heilmann	Dysregulation of the Renin-angiotensin-aldosterone System (RAAS) and Dependent Electrolyte Transporters in Canine Chronic Inflammatory Enteropathy
8:45 AM	GI16	Molly Doyle	Efficacy of Two Colonoscopy Preparation Protocols in Dogs
9:15 AM	GI17	Aarti Kathrani	A Transfer Learning Approach to Intestinal Image Analysis Differentiates Treatment Response in Canine Protein-losing Enteropathy
9:30 AM	GI18	Peter Kook	Standardized Intestinal Ultrasonography in Cats with Inflammatory Bowel Disease (IBD) and Small Cell Lymphoma (SCL)
9:45 AM	GI19	Militsa Pacheva	Effects of Prednisolone on DGGR-Lipase Activity (LIPC Roche) and Pancreatic Lipase Immunoreactivity (SpecfPL) in Cats
10:00 AM	GI20	Mary Ann Lee	Adverse Events Following Repeat Fecal Microbiota Transplantation in Cats: A Case Series
11:00 AM	GI21	Mary Ann Lee	Assessment of Safety, Adverse Events, and Dysbiosis in Healthy Dogs Receiving Fecal Microbiota Transplantation
11:15 AM	GI22	Brandon Mason	Western Diet Promotes Bile Acid Dysmetabolism, Pro-carcinogenic Inflammation, and Colonic Dysbiosis in Healthy, Non-obese Dogs
11:30 AM	GI23	Sydney Oberholtzer	Prognostic Value of C-reactive Protein in Dogs with Elevated Pancreas-specific Lipase Reactivity
11:45 AM	GI24	Yeon Joon Park	A Retrospective Evaluation of Serum Symmetric Dimethylarginine Concentration in Dogs with Protein Losing Enteropathy
1:30 PM	GI25	Giacomo Rossi	Possible Role Of Dietary N-glycolyneuraminic Acid And Dysbiosis In Canine Enteropathy Pathogenesis
1:45 PM	GI26	Elisa Scarsella	Blood Microbiome in Dogs with Chronic Enteropathies: The Future of Prevention and Diagnosis?
2:45 PM	GI27	Sarah Schmid	Occurrence of Owner-reported Gastrointestinal Disease in 33,172 Dogs in the Dog Aging Project Pack
2:15 PM	GI28	Megan Slaughter	Use of a Feline Dysbiosis Index to Monitor a Probiotic's Effects on Antibiotic-Induced Dysbiosis
2:00 PM	GI29	Stacie Summers	Effect of Wheat Dextrin on Fecal Short-Chain Fatty Acids in Dogs with Chronic Diarrhea
3:00 PM	GI30	Chi-Hsuan Sung	Correlation between Targeted qPCR-Assays and Untargeted DNA Shotgun Sequencing for Assessing Fecal Microbiota in Dogs
3:15 PM	GI31	Nashua Waly	Improved Treatment Outcome & Reduced Recovery Time in Faecal Microbiota Transplanted Dogs with Parvovirus Disease
3:30 PM	GI32	Yu-An Wu	Immunohistochemical Characterization of Lymphocytic Infiltrates in Pancreata from Shelter Cats

SMALL ANIMAL INTERNAL MEDICINE - IMMUNOLOGY

1:30 PM	IM01	Michael Lappin	Effect of Feeding Enterococcus Faecium Strain SF68 on Leukocyte Transcriptomic Responses in Healthy Cats
1:45 PM	IM02	Sarah Schmid	Pilot Evaluation of Inflammatory Markers in Aging Dogs

SMALL ANIMAL INTERNAL MEDICINE - NEPHROLOGY/UROLOGY

4:30 PM	NU05	Emily Coffey	The Impact of Nutrition on the Urobiome of 15 Clinically Healthy Adult Dogs
4:45 PM	NU06	Karina Creighton	Use of a Bipolar Resectoscope for Debulking of Obstructive Urethral Masses in Dogs
5:00 PM	NU07	Cailin Harro	

The Effect of Circumferential Tape Applied to the Cuff During Blood Pressure Measurement in Cats

5:15 PM	NU08	David Haas	Evaluation of Urine Dipstick protein:urine Specific Gravity Ratio as a Test of Proteinuria in Dogs
5:30 PM	NU09	Jillian Yant	Proteinuria in Dogs and Cats with Presumed and Confirmed Urogenital Neoplasia
5:45 PM	NU10	Stephanie Harris	Urinary syndecan-1 in Dogs Anesthetized with Isoflurane or Sevoflurane: A Randomized, Prospective Study

SMALL ANIMAL INTERNAL MEDICINE - OTHER

4:30 PM	OT01	Ellen Ratcliff	Cross-sectional Investigation of Potential Biomarkers of Aging in Dogs
4:45 PM	OT02	Lindsey Summers	Clinical Findings, Treatment Recommendations, and Outcome in Dogs with Known Trilostane Toxicity: 28 Cases (2005–2020)
5:00 PM	OT03	Jennifer Adler	Development, Implementation and Impact of an I-PASS Based Patient Handoff Initiative
5:15 PM	OT04	Jennifer Adler	Development and Implementation of a WHO-derived Checklist Initiative

SMALL ANIMAL INTERNAL MEDICINE - PHARMACOLOGY

2:00 PM	P01	Kristen Messenger	Pharmacokinetics of Subcutaneous Maropitant Alone and Combined with a Subcutaneous Fluid Bolus in Healthy Dogs
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SMALL ANIMAL INTERNAL MEDICINE - RESPIRATORY

2:45 PM	R01	Charlotte Gerhard	Objective Assessment of Computed Tomographic Attenuation in Dogs with and Without Bronchomalacia (ACVIM Resident Research Award Eligible)
3:00 PM	R02	Mireia Pascual Moreno	Clinical, Imaging and Rhinoscopy Findings in 63 Dogs and 8 Cats with Nasal Foreign Body
3:15 PM	R03	Julia Remaks	Using Probiotics to Modulate the Respiratory Microbiome in Feline Allergic Asthma (ACVIM Resident Research Award Eligible)
3:30 PM	R04	Ashlynn Wampfler	Retrospective Evaluation of High Velocity Nasal Insufflation in Cats with Respiratory Disease

Research Abstract ePoster Program**Index of Abstracts****THURSDAY, JUNE 15**

Time	#	Presenting Author	Abstract Title
CARDIOLOGY			
4:05 PM	C10	Emily Herrold	Effects of Pimobendan on Left Atrial Function in Cats with Left Atrial Enlargement and Dysfunction (ACVIM Resident Research Award Eligible & Cardiology Research Abstract Award Eligible)
4:05 PM	C27	Lindsey Humphries	Short-Term Hemodynamic Effects of Pimobendan in Dogs with Preclinical Patent Ductus Arteriosus
4:05 PM	C28	Nozomi Shiohara	Feasibility of Shear Wave Elastography/Dispersion Imaging in Dogs with Cardiac Disease
6:00 PM	C29	Katherine Murphy	Agreement of Echocardiographic- and Catheterization-based Methods of Transpulmonary Pressure Gradient Measurement in Dogs
4:05 PM	C30	Victor Rivas	Multimodal, Histopathologic, and Clinicopathologic Assessment of Chronic, Weekly, Oral Rapamycin Administration in HCM-Affected Cats
4:05 PM	C32	William Muir	The Cardiovascular Effects of Zenalpha in Ventricular Tachy-paced Dogs in Mild to Moderate Heart Failure
6:00 PM	C34	Kentaro Kurogochi	Association between Mitral Insufficiency Echocardiographic (MINE) Score and Mitral Valve Repair Outcome
4:05 PM	C37	Jae Chun Cho	Loop-mediated Isothermal Amplification PCR in Place of Modified Knott's Test Screening Dogs for Heartworm Infection
4:05 PM	C38	Minseok Choi	Serum Angiotensin-1 and Angiotensin-2 of Dogs with Myxomatous Mitral Regurgitation
4:05 PM	C39	Lisa Freeman	Red Blood Cell Morphologic Parameters and Indices in Dogs with Dilated Cardiomyopathy Differs Between Diets
6:00 PM	C40	Lily Coppinger	Comparison of Electrocardiographic and Echocardiographic Findings in Irish Wolfhounds Eating Non-Traditional or Traditional Diets
NEUROLOGY			
9:25 AM	N17	Kayla Fowler	Evaluation of Neurofilament Light Chain as a Biomarker in Dogs with Structural and Idiopathic Epilepsy (ACVIM Resident Research Award Eligible)

9:45 AM	N18	Jeffrey Laifer	Serum 25-hydroxyvitamin D3 Concentrations in Dogs with Non-infectious Meningoencephalitis (ACVIM Resident Research Award Eligible)
9:25 AM	N19	Brittany MacQuiddy	A Minimally Invasive Surgical Technique to Hemilaminectomies in Chondrodystrophic Dogs with Thoracolumbar Intervertebral Disc Extrusions (ACVIM Resident Research Award Eligible)
9:45 AM	N20	Ruby Ng	Analgesic and Anti-inflammatory Effects of Lidocaine in Dogs Undergoing Thoracolumbar Hemilaminectomy for Intervertebral Disc Extrusion (ACVIM Resident Research Award Eligible)
9:25 AM	N21	Aaron Rozental	Characterization of Endocannabinoids in the CSF and Serum of Dogs with Idiopathic Epilepsy (ACVIM Resident Research Award Eligible)
9:45 AM	N22	Josefa Garcia	The T2-FLAIR Mismatch Sign as an Imaging Biomarker for Canine Oligodendrogliomas
9:25 AM	N23	Kari Foss	Disposition and Bioequivalence of Single-dose Compounded and Commercial Extended Release Levetiracetam in Healthy Dogs
9:45 AM	N25	Minju Baek	Neurofilament Light Chain as a Biomarker for Distinguishing IE from Structural Brain Diseases in Dogs
6:00 PM	N26	Gilad Fefer	Neurological Examination and Magnetic Resonance Imaging Findings in Dogs Diagnosed with Central Vestibular Disease
9:25 AM	N27	Grace Kadler	Viability of Using Diffusion Tensor Imaging to Detect Structural Abnormalities in Dogs with Idiopathic Epilepsy
9:45 AM	N28	Marios Charalambous	The Impact of Rescue Medication in Dogs with Emergency Seizure Disorders: An Owner Perspective
9:25 AM	N29	Dohee Lee	Evaluation of Inflammatory Mediators and Hematologic Parameters in Canine Pentylentetrazole Induced Seizure Model
9:45 AM	N30	Yelim Lee	Serum Levels of Complement C3 and C4 in Dogs with Idiopathic Epilepsy
6:00 PM	N31	Léa Monneret	Long-term Effect of Imepitoin Treatment in Dogs with Epilepsy
9:25 AM	N32	Su-Min Park	Deferoxamine-preconditioned cAT-msc-derived Extracellular Vesicles Alleviate Inflammation in an EAE Mouse Model Through STAT3 Regulation
9:45 AM	N33	Casey Rogers	Gluten Associated Antibody Assessment in Diverse Dog Breeds with Suspected Paroxysmal Dyskinesia
9:25 AM	N34	Woo-Jin Song	Clinical Trial of Crisdesalazine (GedaCure) on Meningoencephalitis in Dogs
9:45 AM	N35	Taesik Yun	Neurofilament Light Chain as a Biomarker of Spinal Cord Diseases in Dogs

NUTRITION

6:05 PM	NM05	Hailey Rose	Serum Vitamin D Metabolites and Acute-Phase Proteins in Critically Ill Dogs and Cats (ACVIM Resident Research Award Eligible)
6:25 PM	NM06	Julie Spears	Differential Digestive Health Benefits of Fiber Blends Fed to Healthy Adult Cats
6:45 PM	NM07	Julie Spears	Differential Digestive Health Benefits of Fiber Blends Fed to Healthy Adult Dogs
6:05 PM	NM08	Julie Spears	Evaluation of Pumpkin and Inulin Using Canine and Feline-Specific Intestinal In Vitro Fermentation Assays
6:25 PM	NM09	Julie Spears	Supplementation of Probiotics with Psyllium Influences the Gut Microbiome Through Microbial Diversity Alteration in Dogs
9:45 AM	NM10	Isabella Corsato Alvarenga	The Tolerability of Supplementing CBD at Two Doses for 9 Months to Healthy Dogs
6:45 PM	NM13	Selena Tavener	Circulating miRNAs Show an Anti-inflammatory Profile in Healthy Canines Fed Low Carbohydrate Ketogenic Foods

ONCOLOGY

6:05 PM	O15	Jennifer Lenz	Osteopontin Overexpression in Localized Canine Histiocytic Sarcoma
6:00 PM	O16	Corey Saba	Alternating Rabacfosadine and Doxorubicin for Treatment of Naive Canine Lymphoma
6:25 PM	O17	Hiroki Sakuma	Gene Expression Profiles Associated with Sensitivity to Molecular-Targeted Drugs in Canine Histiocytic Sarcoma Cells
6:45 PM	O19	Yong Bin Teoh	Genome-wide DNA Methylation Analysis Identified Prognostic CPG Site Markers in Canine Multicentric High-grade Lymphoma
6:00 PM	O20	Hiroto Toyoda	Gene Expression Profiles Associated with Early Relapse in Canine Multicentric High-grade B-cell Lymphoma
6:00 PM	O21	Guannan Wang	Genomic Analysis across 50 Canine Cancer Types Reveals Novel Mutations and High Clinical Actionability
6:00 PM	O23	Hwayoung Youn	The Diagnostic Value of Thymidine Kinase 1 Auto-antibody in Canine Cancer Patients
6:00 PM	O24	William Hendricks	Novel Genomic Prognostic Biomarkers for Canine Cancer Patients

6:05 PM	O25	Chen-Si Lin	Assessing the Efficacy of Novel Caninized VEGF Monoclonal Antibody Therapy for Mammary Tumors in Dogs
6:25 PM	O26	Ju-Hyun An	Anticancer Effect of Superoxide Dismutase on Canine Mammary Gland Tumor in Vitro
6:45 PM	O27	Ju-Hyun An	Urinary Exosomal Nuclear Matrix protein-22 as a Novel Liquid Biopsy of Urothelial Carcinoma Dogs
6:05 PM	O28	Ashleigh Cournoyer	Phenotypic Description of T-cell Density in the Tumor Microenvironment of Canine Renal Cell Carcinoma
6:00 PM	O29	Kelly Hume	BTK and BET Inhibition in Canine Lymphoma
6:25 PM	O30	Heejung Hong	A Retrospective Study on Conventional Transarterial Chemoembolization using Idarubicin for Treatment of Canine Hepatic Carcinomas
6:45 PM	O31	Jin-Young Kim	Usefulness of Computed Tomography in Combination with Iodized Oil (Lipiodol) in Detecting Sentinel Lymph Nodes
6:00 PM	O35	Ga-Hyun Lim	Macrophage Induced Chemoresistance in Canine Mammary Gland Tumor Cell Spheroid Model

SMALL ANIMAL INTERNAL MEDICINE - ENDOCRINOLOGY

12:25 PM	EN17	Julieann Vose	The Role of Gastrin in Dogs with Spontaneous Primary Hyperparathyroidism (ACVIM Resident Research Award Eligible)
12:45 PM	EN18	Michael Merkhassine	Effects of Glucagon Infusion on the Canine Plasma Metabolome (ACVIM Resident Research Award Eligible)
1:05 PM	EN19	JeongYeol Bae	Sialoceles and Their Association with Hyperadrenocorticism and Long-term Glucocorticoid Treatment in dogs: retrospective Case-control Study
1:25 PM	EN20	Sijin Cha	A Retrospective Study of Neutrophil-to-lymphocyte and Platelet-to-lymphocyte Ratios as Potential Markers in Dogs with Hypercortisolism
12:25 PM	EN21	Yeon Chae	Relationship between Serum Concentration of Canine Pancreatic Lipase Immunoreactivity and Hyperglycemia in Diabetic Dogs
12:45 PM	EN22	Drew Narwold	Clinical Evaluation of a Point-of-Care Free Thyroxine Assay to Diagnose Canine Hypothyroidism
1:05 PM	EN23	Álan Pöppl	What Can Be Learned from Studying Plasma Lactate in Dogs with Naturally Occurring Hypercortisolism?
1:25 PM	EN24	Álan Pöppl	Evaluation of a Recombinant Porcine Corticotropin for the ACTH Stimulation Test in Healthy Cats
12:25 PM	EN25	Thomas Schermerhorn	Validation of a Copeptin Assay in Normal Dogs
12:45 PM	EN26	Woo-Jin Song	Relationship Between Post ACTH Cortisol Concentration at Diagnosis and Dose of Trilostane in Small-breed Dogs
1:05 PM	EN27	Samuel Stewart	New Generation Device for Blood Glucose Monitoring in Dogs
1:25 PM	EN28	Fabio Teixeira	Comparing Non-Esterified Fatty Acids Between Diabetic Dogs and Healthy Dogs and Possible Omega-3 Effects

SMALL ANIMAL INTERNAL MEDICINE - GASTROENTEROLOGY

12:25 PM	GI33	Michelle Riehm	Plasma Glucagon-like Peptide-2 in Dogs with Chronic Enteropathies (ACVIM Resident Research Award Eligible)
12:45 PM	GI34	Dohee Lee	Serum Vitamin D, Its Receptor, and Binding Protein Concentrations in Dogs with Acute Pancreatitis
1:05 PM	GI35	Jeongmin Lee	The Risk of Hypomagnesemia with Long-term Use of Proton-pump Inhibitor in Dogs
6:00 PM	GI36	Rae McAtee	Esomeprazole with and without Probiotics in Healthy Dogs (ACVIM Resident Research Award Eligible)
1:25 PM	GI37	nashwa waly	Effect of Short-Term Dietary Change on Anemia and Diarrhea in Dogs Previously Fed Inadequate Diet
6:00 PM	GI38	Jan Suchodolski	Evaluation of Variation in Fecal Microbiota and Bile Acids over Time in Healthy Pet Cats

SMALL ANIMAL INTERNAL MEDICINE - HEMATOLOGY

1:05 PM	HM07	Jennifer Weng	Defining the Platelet Transcriptome in Dogs (ACVIM Resident Research Award Eligible)
1:25 PM	HM08	Amanda Garrick	Comparison of C-reactive Protein Measurement on Three Assays and Following Storage
12:25 PM	HM09	Erin Phillips	Validation of the Calibrated Automated Thrombogram Using Low Plasma Volumes in Dogs
12:45 PM	HM10	Joonghyun Song	Effectiveness of Clopidogrel in Preventing Post-operative Hypercoagulability in Dogs Undergoing Splenectomy for Splenic Masses

1:05 PM	HM11	Chia-Chen Wu	Assessing the Reliability of Blood Samples Collected from Peripheral Intravenous Catheters
6:00 PM	HM12	Arom Cho	Nucleated Rbcs as a Diagnostic and Prognostic Biomarker in Canine Systemic Inflammatory Response Syndrome
6:00 PM	HM13	Cory Penn	The Evaluation of the VETSCAN IMAGYST Artificial Intelligence (AI) Blood Smear Polychromatophil Determination

SMALL ANIMAL INTERNAL MEDICINE - HEPATOLOGY

12:25 PM	HP05	Rommaneeya Leela-arporn	Defining the Liver Transcriptome in Cats Using Total RNA sequencing: A Pilot Study (ACVIM Resident Research Award Eligible)
6:00 PM	HP06	Sara Jablonski	Concurrent Hepatopathy in Dogs with Gallbladder Mucocele: Prevalence, Predictors, and Impact on Long-term Outcome
12:45 PM	HP07	Fabio Teixeira	Correlation of Ultrasound Measures with Liver Volume Assessed by Water Displacement in Dogs
6:00 PM	HP08	Erin Jackson	Comparison of 2-dimensional Imaging to 3-dimensional Modeling of Intrahepatic Portosystemic Shunts Using Computed Tomography Angiography

SMALL ANIMAL INTERNAL MEDICINE - INFECTIOUS DISEASE

12:25 PM	ID11	Petra Cerna	Transcriptome Analysis of Peritoneal Effusions in Healthy Cats and Cats with Feline Infectious Peritonitis (ACVIM Resident Research Award Eligible)
12:45 PM	ID12	Andrzej Ogrodny	Multi-institutional Retrospective Study Investigating Blood Culture Protocols and Test Positivity in 701 Dogs (ACVIM Resident Research Award Eligible)
1:05 PM	ID13	Fernanda Amorim da Costa	Investigation of Anti - Leptospira spp. Antibodies and Leptospirosis in Cats
1:25 PM	ID14	Fernanda Amorim da Costa	Mycoplasma Species and Immunosuppressive Viruses in Cats Affected by Oral Cavity Lesions
6:00 PM	ID15	Yoko Nagamori	Field Evaluation of VETSCAN IMAGYST Artificial Intelligence (AI) Fecal Canine and Feline Parasite Detection
12:25 PM	ID17	Aaren Glick	Performance of C-reactive Protein and Haptoglobin Concentrations to Detect Remission in Dogs with Pulmonary Coccidioidomycosis
6:00 PM	ID18	Haley Uustal	Associations Between Physical and Mental Health and Exposure to Bartonella henselae in Small Animal Veterinarians

SMALL ANIMAL INTERNAL MEDICINE - NEPHROLOGY/UROLOGY

12:25 PM	NU11	Maxime Derré	Effect of Iodinated Non-ionic Contrast on Cultures of Canine Urine Inoculated with E. coli. (ACVIM Resident Research Award Eligible)
12:45 PM	NU12	Allison Kendall	Low-dose Radiation Therapy: A Novel Treatment for Feline Idiopathic/interstitial Cystitis
6:00 PM	NU13	Geoffrey Neumann	Placement of an Artificial Urethral Sphincter in 6 Male Dogs with Urethral Diverticulum
6:00 PM	NU14	Maria Chiara Sabetti	Neutrophil Gelatinase-Associated Lipocalin as Biomarker of Acute Kidney Injury in Dogs with Congestive Heart Failure
1:05 PM	NU15	Tanner Slead	Urinary Incontinence in Male Dogs
6:00 PM	NU16	Pak Kan Tang	A Pilot Study to Identify Plasma Calciprotein Particles in Cats with Chronic Kidney Disease
6:00 PM	NU17	Tim Williams	Urinary Extracellular Vesicle Excretion Rate and Uromodulin Abundance in Cats with Calcium Oxalate Urolithiasis
1:25 PM	NU18	Karina Creighton	Use of a Pediatric Renal Replacement System (CARPEDIEM) for Extracorporeal Therapy in Dogs

SMALL ANIMAL INTERNAL MEDICINE - OTHER

1:05 PM	OT05	Fernanda Amorim da Costa	A Restrospective Study of Venom Animals Accidents in Cats in South Brazil
6:00 PM	OT07	Kristin Owens	Deep Learning Artificial-intelligence (AI) Based Approach for Evaluation of Canine and Feline Dermatologic Cytology Samples
1:25 PM	OT08	Elizabeth Pearson	Evaluation of Factors Associated with Euthanasia versus Unassisted Death in the Dog Aging Project Pack

SMALL ANIMAL INTERNAL MEDICINE - PHARMACOLOGY

12:45 PM	R05	Fernanda Amorim da Costa	Causes of Pleural Effusion in 67 Cat - A Retrospective Study
1:05 PM	R06	Fernanda Amorim da Costa	Chronic Rhinosinusitis in Cats – An Etiological Study
1:25 PM	R07	Zhe (Alice) Wang	Comparing the Nasal Transcriptome and Microbiome in Healthy Dogs and Dogs with Chronic Rhinitis

EQUINE

6:00 PM	E02	Persephone McCrae	A Smart Textile Device Can Accurately Capture Heart Rate Variability in Resting Horses: Preliminary Results
6:00 PM	E03	Laura Nath	Histopathological Evaluation of Myocardial Hypertrophy and Fibrosis in Thoroughbred Racehorses
6:00 PM	E04	Cris Navas de Solis	Exercising Electrocardiograms in Eventing Horses in the Field
6:00 PM	E05	Kaitlin Murphy	Association of DFA Alpha 1 with Blood Lactate Measurements in Exercise Tests in Sport Horses
6:00 PM	E06	Isabelle Piotrowski	Evaluation of the Audicor Device as Diagnostic Tool in Horses with Mitral or Aortic Regurgitation
6:05 PM	E07	Freya Stein	Echocardiographic Measurements and Findings in Healthy Standardbred and Thoroughbred Racehorses
6:25 PM	E08	Glenn Van Steenkiste	In Silico simulations for Efficacy and Risk of Transvenous Electrical Cardioversion Catheter Positions in Horses
6:45 PM	E09	Ingrid Vernemmen	Transseptal Puncture in the Horse Using Intracardiac Ultrasound Guidance: First Results with Follow-Up
6:05 PM	E14	Amina Ayubi	Enteroinular Axis in Healthy Horses and Horses with Colitis
6:00 PM	E15	Dante Vorster	Effect of Early and Late Sampling on the 10- and 30-Minute Thyrotropin-Releasing Hormone Stimulation Test
6:25 PM	E16	Melody de Laat	Glucagon-like peptide-1 Is Produced by the Equine Large Intestine in vitro
6:00 PM	E17	Isabelle Desjardins	Monthly Variations of a Clinical Pituitary Pars-intermedia Dysfunction Score and TRH Stimulation Test in Ponies
6:00 PM	E18	Isabelle Desjardins	Comparison of Hair Characteristics in Equids Affected with Pituitary Pars Intermedia Dysfunction and Aged Controls
6:00 PM	E20	Nicolas Galinelli	Effect of Pergolide in Horses with Insulin Dysregulation with and without Pituitary Pars Intermedia Dysfunction
6:05 PM	E22	Ahmed Kamr	Serum Biomarkers of Bone Remodeling in Horses with Colitis
6:25 PM	E23	Ahmed Kamr	Vitamin D Metabolites and Antimicrobial Peptides in Hospitalized Foals
6:45 PM	E24	Ahmed Kamr	The Bone-Pancreas Loop and Incretins in Hospitalized Foals
6:05 PM	E25	Kate Kemp	Phenylbutazone Administration Does Not Affect Insulin Sensitivity in Horses with Insulin Dysregulation
6:25 PM	E26	Kate Kemp	Effects of Phenylbutazone Administration on Insulin Secretion in Horses with Insulin Dysregulation
6:00 PM	E27	Rachel Lemcke	Prevalence of Pituitary Pars Intermedia Dysfunction and Insulin Dysregulation in Horse Breeds Classified by Clade
6:00 PM	E28	Rachel Lemcke	Exploring Endocrine Disorders in Sporthorses from Different Geographic Origins
6:45 PM	E30	Kristen Thane	Comparison of High-dose and Low-dose Oral Sugar Test Performance in Horses
6:05 PM	E31	Kristen Thane	Comparison of Wellness Readytm Lateral-flow Insulin Assay to Radioimmunoassay Insulin Results in Equine Blood Samples
6:45 PM	E32	Katarzyna Dembek	Abnormal Incretin Concentration in Equine Colic
6:00 PM	E33	Steve Grubbs	Diagnosis of Equine Pituitary Pars Intermedia Dysfunction using TRH-Stimulation is Repeatable at One-Week Intervals
6:00 PM	E34	Steve Grubbs	Resting ACTH versus Dynamic ACTH Evaluation for PPID During Fall and Spring in Horses
6:00 PM	E36	Daniel Jean	Endoscopic Digestive Biopsies in Horses: A Retrospective Study of 36 Cases (2017-2021)
6:00 PM	E37	Leonardo Parra	Blood and Peritoneal Lactate as a Marker of Intestinal Ischemia in Horses with Colic
6:00 PM	E38	Breanna Sheahan	Manipulating Epithelial Fluid Secretion Using Equine Rectal Organoids
6:00 PM	E39	Sophie Talbot	Clinical Presentation and Outcome of Gastric Impactions with or Without Concurrent Intestinal Lesions in Horses
6:00 PM	E40	Jessica Vokes	The Effect of Medium-term Omeprazole on Serum Gastrin and Chromogranin a Levels in the Horse
6:00 PM	E43	Diego Gomez	Endothelial Glycocalyx Integrity in Horses with Colitis
6:00 PM	E44	Pablo Fueyo	Prognostic Value of Red Blood Cell Distribution Width, and Other Hematological in Horses with Colitis
6:45 PM	E46	Ina Mersich	Impact of Decreased Circulating Red Cell Mass on Viscoelastic Coagulation Results in Healthy Horses

6:00 PM	E51	Diego Gomez	Endothelial Glycocalyx Integrity in Healthy and Septic Foals
6:00 PM	E52	Nicole Kreuzfeldt	Antibody Response to Equine Influenza Virus and herpesvirus-1 Vaccine in Adult Horses Receiving Intravenous Dexamethasone
6:00 PM	E54	Edward Olajide	Detection of Potential Latency Sites of Equid Alphaherpesvirus 1 (EHV-1) in Kentucky Horses
6:00 PM	E55	Erin Pearson	Association of <i>Borrelia burgdorferi</i> with Cranial Nuchal Bursitis and Elevated Ospa-specific Serum Antibodies in Horses
6:00 PM	E57	Alexandre Borges	Fecal QPCR Testing for the Detection of Enteric Pathogens in Foals with or Without Diarrhea
6:00 PM	E60	Leonardo Parra	Calcium, Magnesium, and Phosphorus Concentration in Septic Foals
6:00 PM	E65	Sarah Colmer	Cerebrospinal Fluid Cell-free DNA Concentrations in Horses with Common Neurologic Conditions
6:00 PM	E66	Sarah Colmer	Association of Vitamin E-responsive Myopathy (VEM) and Equine Degenerative Myeloencephalopathy / Neuroaxonal Dystrophy (EDM/eNAD)
6:00 PM	E68	Kate Hepworth-Warren	Complications Associated with Intravenous Catheter Placement in Adult Horses at a Teaching Hospital
6:00 PM	E81	Ananya Mahalingam-Dhingra	Bronchoalveolar Lavage Hemosiderosis in Lightly Active or Sedentary Horses
6:00 PM	E82	Jane Woodrow	Initial Investigation of Bronchoalveolar Lavage Fluid Metabolomics in Healthy and Suspect Asthmatic Horses

FOOD ANIMAL INTERNAL MEDICINE

9:25 AM	F03	Lynna Li	Effect of Sample Collection Time on Fecal Microbiota Composition in Diarrheic Calves
9:45 AM	F05	Hakhyun Kim	Fucoidan Increases Porcine Neutrophil Extracellular Trap Formation Through Tumor Necrosis Factor- α
6:00 PM	F07	Shari Kennedy	Bovine Viral Diarrhea Virus Seroprevalence in Wild Pigs across 17 States
9:25 AM	F08	Mathilde Pas	Comparison of bacteremia Detection and Contamination Between Two Blood Culture Media in Critically Ill Calves
6:00 PM	F10	Blanca Camacho	Validation and Comparison of SDMA in Healthy and Obstructed Goats
6:00 PM	F11	Diana Perez-Solano	Prognostic Indicators of Outcome for Non-ambulatory Beef Cattle Presented to Two Referral Hospitals

FRIDAY, JUNE 16

Time	Presenting Author	Abstract Title
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CARDIOLOGY

10:25 AM	C35	Edward Daly	Relationship of Serum Osmolality to the Degree of Mathematical Chloride Correction and Heart Disease Stage
10:25 AM	C41	Chaerin Kim	Neutrophil-to-Lymphocyte, Monocyte-to-Lymphocyte, and Platelet-to-Lymphocyte Ratios as Inflammatory Biomarkers in Dogs with Myxomatous Mitral Valve Disease
10:45 AM	C42	Jiyoung Kim	Diagnostic Value of Pulmonary Vein to Pulmonary Artery Ratio Measurement in Dogs with MMVD
10:25 AM	C43	Kentaro Kurogochi	Comparison of the Clinical Utility of Del-Nido Cardioplegia and St. Thomas Solution with Cardiac Troponin-I
10:45 AM	C44	Elizabeth Martin	A Novel Nonsynonymous Gene Variant in IDUA in Basset Hounds with Mucopolysaccharidosis Type 1
10:25 AM	C45	Dmitrii Oleynikov	Retrospective Analyze of Bosentan Treatment in Dogs with Severe Pulmonary Hypertension
10:45 AM	C46	Paulo Rivera	Vascular Responsiveness to Pimobendan as Assessed by Doppler Ultrasonography in Dogs with Congestive Heart Failure
10:25 AM	C47	Yunji Kim	Machine Learning-based Risk Prediction for Canine Myxomatous Mitral Valve Disease Using Electronic Health Record Data
10:45 AM	C48	Tess Sykes	Echocardiographic Findings and Prevalence of Heart Murmurs in Clinically Healthy Adult Borzoi Dogs

NUTRITION

12:30 PM	NM11	Ana Rita Pereira	Comparison of Microorganisms Concentration of Brazilian Probiotics and Doses Recommendation for Canine Enteropathies
12:50 PM	NM12	Darcy Adin	Enzyme-linked Immunosorbent Assay for the Detection of Phytohemagglutinin in Legumes

ONCOLOGY

10:25 AM	O32	Yeji Kim	Transcriptome Profiling Between Normal and Lymphoma in Comparison of T-cell and B-cell Types in Dogs
10:25 AM	O33	Amy LeBlanc	The National Cancer Institute's Comparative Osteosarcoma Pathology Board: Toward Harmonized Grading for Humans and Dogs
10:45 AM	O34	Amy LeBlanc	The National Cancer Institute's Decoding the Osteosarcoma Genome of the Dog (DOG2) Project
10:45 AM	O36	Woo-Jin Song	Clinical Outcome of Multicentric Lymphoma Treated with CHOP Protocol in 38 Small-breed Dogs
10:25 AM	O38	Kelley Zimmerman	Evaluation of Mechlorethamine, Vinblastine, Procarbazine, and Prednisone for Treatment of Resistant Multicentric Canine Lymphoma

SMALL ANIMAL INTERNAL MEDICINE - IMMUNOLOGY

12:10 PM	IM03	Regina Hollar	Role of CD8+ T-cells and Immune Activation in Pathogenesis of Inflammatory Bowel Disorder in Canines
12:30 PM	IM04	Jungil Kim	Comparison of Prednisolone Alone and Prednisolone Combined with Adjunctive Immunosuppressants for Dogs with Immune-mediated Polyarthritis
12:50 PM	IM05	Laurie Larson	Prevention of Mortality by Canine Parvovirus Monoclonal Antibody Treatment after Experimental Challenge
1:10 PM	IM06	Selena Tavener	Upregulation of SOCS1 and CXCL14 Can Contribute to the Pathogenesis of Hyperthyroidism in Cats

SMALL ANIMAL INTERNAL MEDICINE - NEPHROLOGY/UROLOGY

12:10 PM	NU19	Fernanda Chacar	Urinary Fractional Excretion of Calcium in Cats with Hypercalcemia or Normocalcemia
12:30 PM	NU20	Fernanda Chacar	Urinary Fractional Excretion of Phosphorus in Cats with Chronic Kidney Disease
12:50 PM	NU21	Fernanda Chacar	Traditional Approach versus Stewart Approach for Acid-Base Disorders in Cats with Chronic Kidney Disease
1:10 PM	NU22	Chien-Hui Chen	Evaluation of Chronic Stress Status in Diseased Cats with Hair Cortisol Concentration and Psychometrics
12:10 PM	NU23	Wei-Che Chen	Urinary Fibroblast Growth Factor-23 in Cats with Stable or Acute Decompensated Chronic Kidney Disease

EQUINE

12:10 PM	E29	Amanda Norman	Histological Changes of the Equine Placenta in the Presence of Insulin Dysregulation
12:30 PM	E48	Emily Sundman	Selection of Observation Timepoints with Intradermal Skin Testing in Horses
12:10 PM	E56	Eva-Christina Schliewert	Investigation of the Inflammatory Response in African Horse Sickness
12:30 PM	E58	Diana Vargas	Prognostic Value of Red Blood Cell Distribution Width and Other Hematological Parameters in Hospitalized Foals
12:50 PM	E59	Kaitlyn McEnaney	Detection of Anaplasma phagocytophilum in Healthy and Febrile Horses in Central Ohio
12:10 PM	E71	Joanne Haughan	Gamma-glutamyl Transferase Plasma Levels are Associated with Weekly Workload and Racing Status in Thoroughbred Racehorses
12:30 PM	E75	Cosette Faivre	Pharmacokinetics of Repeat Dosing of 40 mg/kg and 60 mg/kg of Acetaminophen in Neonatal Foals
12:50 PM	E76	Joe Smith	A Preliminary Investigation of the Pharmacokinetics of Esomeprazole After Intravenous and Oral Dosing in Horses
1:10 PM	E80	Laurent Couetil	Fish Oil Supplementation Reduces Airway Neutrophilia in Thoroughbred Racehorses