

MORNING SESSIONS | THURSDAY – JUNE 4, 2009

CE: Each 50-minute session = 1 CE Credit

	9:00 – 9:50	10:30 – 11:20	11:30 – 12:20
Research Abstracts 518a	Cardiology Research Abstracts	Cardiology Research Abstracts	Cardiology Research Abstracts
ACVIM Cardiology Comprehensive Reviews 520c	1 Use of Holter Analysis in Clinical Medicine & Clinical Research S. Moise <input type="checkbox"/>	2 Treatment of Canine Arrhythmias with Radiofrequency Catheter Ablation R. Santilli <input type="checkbox"/>	3 Cardiac Ion Channels in Health and Disease B. Kornreich <input type="checkbox"/>
ACVIM Neurology Comprehensive Reviews 520a	4 Vertebral Column MRI J. Levine <input type="checkbox"/>	5 Challenging Lame Dog: Diagnosis & Differentials of Neurogenic Lameness R. da Costa <input type="checkbox"/>	6 Canine Lumbosacral Spinal Fusion Techniques A. Fauber <input type="checkbox"/>
ACVIM Oncology Research Focus 515a	7 Nanomedicine & Cancer Genistein as a Novel Treatment of Canine Lymphoma S. Suter <input type="checkbox"/>	8 Pegylated Arginine Deiminase in Canine Cancer Phase I/II Trial of Satraplatin in Tumor-Bearing Dogs C. Rodriguez K. Selting <input type="checkbox"/>	9 Electrochemotherapy for Canine Mast Cell Tumors E. Spugnini Carboplatin Dosing in Cats D. Bailey <input type="checkbox"/>
ACVIM SAIM Comprehensive Reviews 517d	10 Canine Parvovirus Variants Circulating in USA (2006-2008) S. Kapil <input type="checkbox"/>	11 Canine Distemper Variants Circulating in USA (2007-2008) S. Kapil <input type="checkbox"/>	12 Immunomodulators in Veterinary Medicine: Is There Evidence of Efficacy? K. Hartmann <input type="checkbox"/>
VCRS (SA) 513a	13 Indoor Air Quality & Disease J. Dye <input type="checkbox"/>	14 Aerosol Medications in Small Animals Effects of Second Hand Cigarette Smoke on Respiratory Health of Companion Animals B. McKiernan E. Rozanski <input type="checkbox"/>	15 Cold Air Airway Disease in Dogs Immunomodulation With Allergen-Specific Immunotherapy in Feline Asthma? M. Davis C. Reinero <input type="checkbox"/>
CGS 517c	16 Mechanisms of Esophageal Motility in Dogs & Cats Functional Assessment of the Upper Digestive Tract R. Washabau S. Marks <input type="checkbox"/>	17 Neuromuscular Disorders Affecting the Proximal Digestive Tract D. Shelton <input type="checkbox"/>	18 Revisiting Treatment of Dysphagia Esophageal Strictures – Update on Therapeutic Options S. Marks K. Richter <input type="checkbox"/>
ACVCP / AAVPT 517b	19 Rational Antimicrobial Prophylaxis Before Surgery T. Whittam <input type="checkbox"/>	20 Antimicrobial Drug Interactions: Synergy & Antagonism T. Martin-Jiménez <input type="checkbox"/>	21 Antibiotic Drug Therapy: The Popular Myths & Misconceptions M. Papich <input type="checkbox"/>
Research Abstracts 510a	Nephrology / Urology Research Abstracts	Nephrology / Urology Research Abstracts	Nephrology / Urology Research Abstracts
Research Abstracts 510c	Hematology Research Abstracts	Hematology Research Abstracts	Other / Pharmacology Research Abstracts
Research Abstracts 513d	Endocrinology Research Abstracts	Endocrinology Research Abstracts	Endocrinology Research Abstracts
Research Abstracts 512a	Equine Research Abstracts	Equine Research Abstracts	Equine Research Abstracts
ACVIM Equine Comprehensive Reviews 512c	22 Leptospirosis: Fundamental Principles of Disease A. Loynachan / N. Slovis <input type="checkbox"/>	23 Update on EPM Diagnosis M. Furr <input type="checkbox"/>	24 Equine Lyme Disease: Significant or Coincidence? T. Divers <input type="checkbox"/>
ACVIM FAIM Comprehensive Reviews 510b	25 Evidence-Based Veterinary Medicine in Production Animal Populations R. Larson <input type="checkbox"/>	26 Applying Evidence-Based Veterinary Medicine to Individual-Based Clinical Questions R. Larson <input type="checkbox"/>	27 Top Ten Evidenced-Based Papers in Food Animal Medicine & Surgery for 2008 P. Constable <input type="checkbox"/>
ACVIM FAIM Comprehensive Reviews 510d	28 SUAM: An Important <i>Streptococcus uberis</i> Virulence Factor M. Prado <input type="checkbox"/>	29 Jejunal Hemorrhagic Syndrome: Short & Long Term Outcome in Dairy Cattle S. Peek <input type="checkbox"/>	30 The Role of Bovine Respiratory Coronavirus in Respiratory Disease of Feedlot Cattle S. Kapil <input type="checkbox"/>
CVMA Business Management 514a	31 What You Need to Know to Introduce New Services to Clients L. Dunn <input type="checkbox"/>	32 Open Book Management: How & Why it Will Take Your Practice to the Next Level L. Dunn <input type="checkbox"/>	33 The Steps Involved in the Implementation of Open Book Management & Scorecards L. Dunn <input type="checkbox"/>

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AFTERNOON SESSIONS | THURSDAY – JUNE 4, 2009

CE: Each 50-minute session = 1 CE Credit

	2:10 – 3:00	3:10 – 4:00	4:25 – 5:15	5:25 – 6:15
Research Abstracts <i>518a</i>	Cardiology Research Abstracts	Cardiology Research Abstracts	Cardiology Research Abstracts	Cardiology Research Abstracts
Research Abstracts <i>510a</i>	Neurology Research Abstracts	Neurology Research Abstracts	Neurology Research Abstracts	Neurology Research Abstracts
ACVIM Neurology Comprehensive Reviews <i>520a</i>	Inclusions in Canine Neurodegenerative Diseases: Villain or Hero? D. O'Brien □ 34	Molecular Investigations in Canine Meningoencephalitis of Unknown Etiology S. Schatzberg □ 35	Translation of Canine Degenerative Myelopathy to Human ALS J. Coates □ 36	The Role of Cholesterol in Neurodegenerative Diseases of Small Animals C. Vite □ 37
Research Abstracts <i>510c</i>	Oncology Research Abstracts	Oncology Research Abstracts	Nutrition / Metabolism Research Abstracts	Nutrition / Metabolism Research Abstracts
ACVIM Oncology Comprehensive Reviews <i>515a</i>	Highlights of the 2008 Veterinary Cancer Society Meeting B. Kitchell □ 38	Investigating a Procaspase-3 Activator for the Treatment of Canine Lymphoma P. Lucas Cytosonographic Measurements of Canine Bladder Tumors C. Tupper Hume □ 39	Application of Flow Cytometry Immunophenotyping M. Wilkerson □ 40	Veterinary Oncology Screening Tests & Biomarkers: Where's the Evidence? C. Henry □ 41
ACVIM SAIM Comprehensive Reviews <i>517d</i>	Use of Molecular Assays for the Diagnosis of Feline Infectious Diseases M. Lappin □ 42	Approach to Identifying Infectious Causes of Feline Diarrhea J. Gookin □ 43	Causes of Feline Anemia: Old & New K. Dowers □ 44	Feline Sino-orbital Aspergillosis: An Emerging Clinical Syndrome V. Barrs □ 45
Liver Study Group <i>517c</i>	Mechanisms of Hepatic Fibrosis, the Common Pathway of Chronic Liver Injury S. Friedman □ 46	Diagnosis & Treatment of Hepatic Fibrosis – Challenges and Emerging Strategies S. Friedman □ 47	Advances in Characterization of Feline Nonsuppurative Cholangitis/Cholangiohepatitis Syndrome A. Warren □ 48	Clinical Characteristics & Role of Bacteria in Feline Neutrophilic Cholangitis D. Twedt WSAVA Classification & Role of Bacteria in Feline Hepatobiliary Disease M. Rondeau □ 49
ACVCP / AAVPT <i>520b</i>	Appropriate Empirical Antimicrobial Therapy: Making Decisions Without a Culture L. Trepanier □ 50	Interpreting Bacterial Culture & Susceptibility: Pitfalls & Potential Benefits D. Boothe □ 51	Antimicrobial Regimens to Minimize Resistance in Dogs & Cats D. Boothe □ 52	Antimicrobial Drug Options for Difficult Infections in Dogs & Cats M. Papich □ 53
AVHTM <i>520c</i>	Paroxysmal Nocturnal Hemoglobinuria: A Human Model for Canine IMHA? A. Galal □ 54	Update on Human Immune-Mediated Hematological Disease from the American Society of Hematology S. Smith □ 55	Innovative Therapies for Immune Mediated Hemolysis in Dogs K. Lunn □ 56	Immuno-Magnetic Isolation of Canine Circulating Endothelial Cells T. Wills Indicators of Platelet Reactivity: Coated Platelets & Platelet-Derived Microparticles M. Brooks □ 57
SCE <i>513a</i>	β-cell Fuel Sensing & Signaling for Insulin Secretion M. Prentki □ 58	Pancreatic β-cell Failure in Type 2 Diabetes: Genetic Susceptibility, Fuel Surfeit & Nutrient Detoxification M. Prentki □ 59	Role of AMPK in Skeletal Muscle: From Metabolic Signaling to Immune Regulation A. Marette □ 60	Genetics of Type 1 Diabetes: Current Status & the Future C. Polychronakos □ 61
Research Abstracts <i>513d</i>	Infectious Disease Research Abstracts	Infectious Disease Research Abstracts	Infectious Disease Research Abstracts	Infectious Disease Research Abstracts
Research Abstracts <i>512a</i>	Equine Research Abstracts	Equine Research Abstracts	Equine Research Abstracts	Equine Research Abstracts
VCRS Equine <i>512c</i>	Pathophysiology of Non-Infectious Lower Airway Inflammation N. Kirschvink □ 62	Cold Air Airway Disease in Horses M. Davis Air Quality in Barns M. Mazan □ 63	Evidence-Based Treatment of Non-Infectious Airway Disease M. Mazan □ 64	Airway Smooth Muscle Remodeling in Heaves (RAO) M. Leclere Three Treatments for RAO V. Buechner-Maxwell □ 65
Research Abstracts <i>510b</i>	Food Animal Research Abstracts	Food Animal Research Abstracts	Food Animal Research Abstracts	Food Animal & Equine Research Abstracts
ACVIM FAIM Comprehensive Reviews <i>510d</i>	Pathophysiology of Diarrhea in Calves D. Foster □ 66	Cryptosporidiosis in Calves, People, & the Environment J. Tyler □ 67	The Immunobiology of Cryptosporidiosis M. Riggs □ 68	Advances in the Development of the Immunologic Control Strategies for Cryptosporidiosis in Calves M. Riggs □ 69
CVMA Business Management <i>514a</i>	The Human Resource Process: How to Find, Hire & Retain Support Team Members L. Dunn □ 70	Top Human Resource Mistakes & How to Fix Them L. Dunn □ 71	The Biggest Management Challenge: A System To Hold Your Team Accountable L. Dunn □ 72	Successful Practices Require Numerous Leadership & Management Roles: What are They? L. Dunn □ 73

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MORNING SESSIONS | FRIDAY – JUNE 5, 2009

CE: Each 50-minute session = 1 CE Credit

ACVIM Cardiology Research Focus 518a
ACVIM Neurology Research Focus 520a
ACVIM Oncology Research Focus 515a
Research Abstracts 510a
Research Abstracts 513d
ACVIM SAIM Research Focus 510c
ACVIM SAIM Comprehensive Reviews 520c
ACVIM SAIM Comprehensive Reviews 517b
ACVIM SAIM Comprehensive Reviews 517c
ACVIM SAIM Post-Graduate Course 513a
ACVIM/Infectious Disease 517d
ACVIM Equine Comprehensive Reviews 512a
ACVIM Equine Comprehensive Reviews 512c
ACVIM FAIM Research Focus 510b
ACVIM FAIM Comprehensive Reviews 510d
CVMA Animal Welfare 514a

8:00 – 8:50	9:00 – 9:50
<p>NT-pro BNP Variables in Dogs: Effects on Accuracy S. Ettinger NT-pro BNP in Dogs & Echo Relationships A. Beardow <input type="checkbox"/></p> <p>74</p>	<p>NT-proBNP in Dogs with Pulmonary Hypertension H. Kelliher NP's in Dogs with CHF: Acute Effects of Treatment K. Schober <input type="checkbox"/></p> <p>75</p>
<p>SOTA: Oncolytic Gene Therapy for Glioblastoma Multiforme: Therapeutic Development & Trial Design Flaws V. Papanastassiou <input type="checkbox"/></p> <p>76</p>	<p>SOTA: Advances in Stereotactic Frame Design for Diagnosis & Treatment of Intracranial Mass Lesions V. Papanastassiou <input type="checkbox"/></p> <p>77</p>
<p>Issues with Clinical Trial Quality J. Sargeant Veterinary CONSORT for Clinical Trial Reporting J. Sargeant <input type="checkbox"/></p> <p>78</p>	<p>Autologous Transplantation for Canine Lymphoma S. Suter Evaluation of Ki67 Staining in Feline Gastrointestinal Lymphoma L. Pohlman <input type="checkbox"/></p> <p>79</p>
Respiratory Research Abstracts	Respiratory Research Abstracts
Hepatology / Immunology / Gastroenterology Research Abstracts	Gastroenterology Research Abstracts
<p>SOTA: Approach to a Case With Metabolic Acidosis: A Need for Two Major Amendments M. Halperin <input type="checkbox"/></p> <p>80</p>	<p>SOTA: Why Life-Threatening Hyperkalemia Does not Occur When We Eat or Sprint: Lessons For the Approach to Emergency Hypokalemia M. Halperin <input type="checkbox"/></p> <p>81</p>
<p>Pathophysiology of Hypoadrenocorticism in Dogs & People P. Lathan <input type="checkbox"/></p> <p>82</p>	<p>Endocrine Changes During the Progression of Critical Illness JP Schoeman <input type="checkbox"/></p> <p>83</p>
<p>The Intestinal Microbiome in Dogs & Cats J. Suchodolski <input type="checkbox"/></p> <p>84</p>	<p>Diagnostic Markers in Chronic Enteropathies: Useful, Magic, or Just Toys? A. Jergens <input type="checkbox"/></p> <p>85</p>
<p>Diagnosis & Treatment of Canine Congenital Neutropenia Syndromes C. Lothrop <input type="checkbox"/></p> <p>86</p>	<p>Canine Induced Pluripotent Stem Cells (iPS cells) Applications for Regenerative Medicine C. Lothrop <input type="checkbox"/></p> <p>87</p>
<p>Canine Eosinophilic Bronchopneumopathy: Immunopathogenesis D. Peeters <input type="checkbox"/></p> <p>88</p>	<p>Canine Sinonasal Aspergillosis: Immunopathogenesis D. Peeters <input type="checkbox"/></p> <p>89</p>
<p>Emerging Streptococcal Diseases of Dogs & Cats K. Hurley / P. Pesavento <input type="checkbox"/></p> <p>90</p>	<p>The Emergence of a Bad Bug: Treatment, Infection Control, & Public Health Challenges of MRSA J. Bender <input type="checkbox"/></p> <p>91</p>
<p>Determination of Intracellular Cytokine Expression in Equine PBMCs E. Davis <input type="checkbox"/></p> <p>92</p>	<p>Clinical & Immunologic Aspects of Common Variable Immunodeficiency in Horses J. Flaminio <input type="checkbox"/></p> <p>93</p>
<p>Basic Concepts of Anthelmintic Resistance in Equid Parasites M. Nielsen <input type="checkbox"/></p> <p>94</p>	<p>Diagnosis & Management of Anthelmintic Resistance in Equid Parasites T. Craig <input type="checkbox"/></p> <p>95</p>
<p>SOTA: Physiology & Treatment of Congenital Conditions in the Newborn Intensive Care at the Eastern Oklahoma Perinatal Center M. Gomez <input type="checkbox"/></p> <p>96</p>	<p>SOTA: Translating Human Newborn Intensive Care to Applications in Veterinary Medicine M. Gomez <input type="checkbox"/></p> <p>97</p>
<p>Teat Lesions & Diagnostic Approach S. Nichols <input type="checkbox"/></p> <p>98</p>	<p>Challenging Umbilical Problems in Neonates A. Desrochers <input type="checkbox"/></p> <p>99</p>
<p>Animal Welfare Regulation in Canada & the UK M. Cockram <input type="checkbox"/></p> <p>100</p>	<p>Case Studies Illustrating Animal Welfare Regulation in Canada & the UK M. Cockram <input type="checkbox"/></p> <p>101</p>

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10:30 – 11:20

11:30 – 12:20

KEYNOTE ADDRESS

Creating Buy-In to Avoid a Bail-Out During Challenging Economic Times

10:30 am – 11:20 am

PALAIS 517c



Pat LeBlanc, DVM, MS, Diplomate, ACVA

In a difficult economic environment, maintaining employee engagement and positive morale has the potential to be inversely related to maintaining the organization's bottom line. In his Keynote address, Dr. Pat LeBlanc, Director of the Veterinary Teaching Hospital at Michigan State University, will talk about this link and how to forge a positive work atmosphere without losing focus on the importance of financial success in your practice or clinic.



CONSENSUS STATEMENT DRAFTS

11:30 am – 12:20 pm

Consensus Statements of the American College of Veterinary Internal Medicine (ACVIM) provide the veterinary community with up-to-date information on the pathophysiology, diagnosis, and treatment of clinically important animal diseases.

Large Animal Consensus Statement DRAFT titled *Equine Metabolic Syndrome*

PALAIS 512a

Small Animal Consensus Statement DRAFT titled *Enteropathogenic Bacteria in Dogs & Cats*

PALAIS 517c



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ACVIM Cardiology Research Focus 510c	SOTA: Experimental Insights Into Mechanisms of Atrial Fibrillation in the Dog S. Nattel <input type="checkbox"/>	SOTA: Novel Mechanism-based Approaches to Therapy of Atrial Fibrillation S. Nattel <input type="checkbox"/>	In-hospital ECG Versus Holter in Atrial Fibrillation A. Gelzer Phenotypical Variation of HCM in DSH Cats C. Amberger <input type="checkbox"/>	Pimobendan & Benazepril in Dogs with MR & CHF E. de Madron Survival with Polypharmacy in Mitral Valve Disease N. Van Israel <input type="checkbox"/>
ACVIM Cardiology Comprehensive Reviews 518a	Patent Ductus Arteriosus from A to Z J. Buchanan <input type="checkbox"/>	Neurocardiogenic Bradycardia-Related Syncope in Dogs J. Thomason <input type="checkbox"/>	The Forgotten Target Organ: The Heart in Hypertension R. Stepien <input type="checkbox"/>	Feline Cardiac Biomarkers S. Ettinger / A. Beardow / K. Yee <input type="checkbox"/>
ACVIM Neurology Research Focus 513a	Broadly Reactive PCR for Canine Meningoencephalitis of Unknown Etiology S. Schatzberg Cytokines & Chemokines in Canine CNS Disorders C. Mariani <input type="checkbox"/>	Canine Inclusion Body Myositis D. Shelton Partial Lateral Corpectomy in Disc Disease T. Flegel <input type="checkbox"/>	MRI Compatible Stereotactic Brain Biopsy Device A. Chen Chiari-Like Malformation in the Griffon Bruxellois C. Rusbridge <input type="checkbox"/>	Clinical Signs of Cerebellar Degeneration in Amstaffs N. Olby Genetics of NCL in American Staffordshire Terriers S. Blot <input type="checkbox"/>
ACVIM Oncology Research Focus 515a	SOTA: Occupational Exposure with Hazardous Drugs S. Spivey <input type="checkbox"/>	SOTA: Safe Handling of Hazardous Drugs S. Spivey <input type="checkbox"/>	Evaluation of Type-B Hyperlactatemia in Dogs with Cancer M. Touret Metastasis Biology & Therapy C. Khanna <input type="checkbox"/>	Treatment of Histiocytic Sarcomas A. Moore Treatment of Atypical Site Lymphomas A. Frimberger <input type="checkbox"/>
ACVIM Oncology Comprehensive Reviews 510a	Chemotherapy & Immunity: Old Myths & New Directions B. Biller <input type="checkbox"/>	MicroRNAs: A Review & Current Studies of Their Expression in Canine Cancers W. Kisseberth <input type="checkbox"/>	Canine Oncogenomics: What Is In Our Genes? M. Paoloni <input type="checkbox"/>	Uncovering Heritable Influences on Dog Cancer J. Modiano <input type="checkbox"/>
Research Abstracts 513d	Gastroenterology Research Abstracts	Gastroenterology Research Abstracts	Gastroenterology Research Abstracts	Gastroenterology Research Abstracts
ACVIM SAIM Research Focus 520a	Pets & Human Campylobacteriosis E. Acke Genomic Linkage of Obesity & Disease W. Carter <input type="checkbox"/>	Low Tidal Volume Ventilation E. Rozanski Laparoscopic Splenic Biopsy: 15 Cases A. Radhakrishnan <input type="checkbox"/>	Giardia Genotypes in Dogs M. Lappin Inflammatory Bowel Disease in GSD's: Role of Innate Immunity K. Allenspach <input type="checkbox"/>	Characterization of Intestinal Intraepithelial T-Cells N. Luckschander Characterization of Canine CD4+ Regulatory T-Cells O. Garden <input type="checkbox"/>
ACVIM SAIM Comprehensive Reviews 517c	Feline Obesity: Inflammatory, Hematologic & Metabolic Alterations C. Reinhard Bjornvad <input type="checkbox"/>	Cats and Calcium: The Causes & Consequences of Hypercalcemia A. Cook <input type="checkbox"/>	What Can Veterinarians Learn From New Findings in Human Type 1 Diabetes? L. Davison <input type="checkbox"/>	Continuous Glucose Monitoring in Cats & Dogs C. Ward <input type="checkbox"/>
ASVCP 520c	The Complete Blood Count & Non-Neoplastic Hematopathology J. Messick <input type="checkbox"/>	Diagnosis & Differential Diagnosis of Abnormal Blood Smears A. Barger <input type="checkbox"/>	Prognostic Indicators in Lymphoma and Leukemia A. Avery <input type="checkbox"/>	Distinguishing Leukemoid Reaction From Chronic Leukemia A. Barger <input type="checkbox"/>
VECCS 517b	Anatomical Localization of Respiratory Distress in Cats & Dogs K. Hopper <input type="checkbox"/>	Clinical Considerations of Hypoxemia K. Hopper <input type="checkbox"/>	Indications for Initiating Positive Pressure Ventilation K. Hopper <input type="checkbox"/>	Management & Weaning of the Ventilated Patient K. Hopper <input type="checkbox"/>
ACVIM/Infectious Disease 517d	Effects of Co-Infection With Canine Vector-Borne Protozoa G. Baneth <input type="checkbox"/>	Update On the Epidemiology & Treatment of Feline Cytosporidiosis L. Cohn <input type="checkbox"/>	Recognition & Management of Atypical Canine Babesiosis A. Birkenheuer <input type="checkbox"/>	Canine Hepatozoonosis: Update on Prevalence, Diagnosis & Treatment D. Macintire <input type="checkbox"/>
ACVIM Equine Research Focus 512a	SOTA: The Surprising Complexity of Pain Testing in Animals J. Mogil <input type="checkbox"/>	SOTA: The Nature & Nurture of Pain J. Mogil <input type="checkbox"/>	Testing Pain Management in Horses: Do the Models Work? C. Sanchez <input type="checkbox"/>	Clinically-Applicable Pain Scoring in Horses K. Wegner Toll-Like Receptor Pathway in Equine Laminitis A. Stokes <input type="checkbox"/>
ACVIM Equine Review & Research 512c	Disorders of Sodium & Potassium Balance in the Foal & Adult Horse H. Schott <input type="checkbox"/>	Disorders of the Equine Calcium & Magnesium Metabolism R. Toribio <input type="checkbox"/>	Research & Clinical Expertise in Hemodynamic Monitoring of Critically Ill Foals S. Giguere <input type="checkbox"/>	Epidemiology of Aortic Valve Prolapse G. Hallowell Effect of EHV-1 Strain on Abortion Risk P. Lunn <input type="checkbox"/>
ACVIM FAIM Research Focus 510b	Effects of Disbudding on Physiologic Responses in Calves D. Morin Echocardiographic Parameters in Cattle at Altitude G. Hallowell <input type="checkbox"/>	Experimental Infection of Calves with BVDV Type-1 Isolated from Free-Ranging White-Tailed Deer M. Levis Efficacy & Pharmacokinetics of Pantoprazole in Alpacas G. Smith <input type="checkbox"/>	Milking Frequency & Antimicrobial Pharmacokinetics D. Morin Bluetongue: Serology & Vaccination in Camelids M. Meylan <input type="checkbox"/>	Bovine Bronchial Epithelia Response to Viral Infection A. Woolums <i>Mycoplasma bovis</i> Colonization of Dairy Calves F. Maunsell <input type="checkbox"/>
AAVN/ACVN (FA) Comprehensive Reviews 510d	Back to the Future: Using Metabolic Profiles to Identify Periparturient Disease Risk R. Van Saun <input type="checkbox"/>	Approaches to Herd-Level Interpretation of Nutritional Variables in Dairy Herds T. Herdt <input type="checkbox"/>	Herd-Level Assessment of Mineral Nutrition in Cattle T. Herdt <input type="checkbox"/>	Pooled Serum Profiles & Periparturient Disease Risk: Clinical Pathology Heresy or Practical Herd Diagnostics? R. Van Saun <input type="checkbox"/>
CVMA Animal Welfare 514a	It's More Than Just Pain Management: Are You A Competent Animal Welfare Advisor? C. Morgan <input type="checkbox"/>	Practical Hurdles to Promoting Animal Welfare in Private Practice C. Morgan <input type="checkbox"/>	The Welfare of Hospitalized Patients C. Morgan <input type="checkbox"/>	What Should Veterinary Organizations Do to Promote Animal Welfare? C. Morgan <input type="checkbox"/>

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MORNING SESSIONS | SATURDAY – JUNE 6, 2009

CE: Each 50-minute session = 1 CE Credit

	8:00 – 8:50	9:00 – 9:50	10:30 – 11:20	11:30 - 12:20
ACVIM Cardiology Comprehensive Reviews 518a	Application of Cardiac MRI to Dogs 162 R. Dillon □	3D Echocardiography in Congenital Heart Disease 163 A. French □	Mechanical Ventilation for Heart Failure: Let Them Rest or Rest in Peace? 164 T. DeFrancesco □	Stem Cell Therapy for Heart Disease 165 A. Estrada □
ACVIM Cardiology Comprehensive Reviews 520c	The Heart in Context: Cardio-Respiratory Interactions in K-9 Canine Heart Disease 166 S. Gordon □	Seeking the Perfect Balance: Case Studies in Cardio-Renal Patients 167 E. Coté □	Complicated Cardiovascular Cases 168 R. Stepien / V. Luis Fuentes □	Critical Evaluation of Scientific Literature: How Much of What You Read is True? 169 P. Pion / M. Rishniw □
ACVIM Neurology Comprehensive Reviews 513a	Neonatal Neurology: Assessing the Runt 170 D. O'Brien □	Therapeutic Options for Canine Gliomas 171 A. Shores □	Affordable Cost Associated with an Evidence-Based Approach to Detection of Neurologic Disease 172 J. Speciale □	Surgical Treatment of Cerebral Hemorrhages in Dogs: New Horizons 173 F. Adamo □
ACVIM Oncology Comprehensive Reviews 515a	Manipulating the Immune Response to Target Cancer 174 N. Mason □	Less May Be More: Metronomic (Low Dose Continuous) Chemotherapy 175 P. Woods / A. Mutsaers □	Tyrosine Kinase Inhibitors in Companion Animals: A Practical Approach 176 C. London □	Understanding & Treating Bone Cancer Pain in Companion Animals 177 T. Fan □
ACVIM SAIM One Medicine 520d	Host-Floral Interactions in the Gastrointestinal Tract 178 K. Simpson □	Naturally Occurring Liver Disease of Animals as Models in Biomedical Research 179 B. Tennant □	Translational Research in Osteosarcoma: Dogs to Kids & Back Again! 180 S. Withrow □	Veterinary Medicine & Comparative Genomics: New Technologies, New Opportunities 181 M. Breen □
ACVIM SAIM Comprehensive Reviews 517d	Dispelling the Myths About Diagnosis & Treatment of Feline Respiratory Infections 182 L. Cohn □	Dispelling the Myths About Diagnosis & Treatment of Feline Asthma 183 C. Reinero □	Diagnosis & Treatment of Feline Pulmonary Vascular Disease: What Do We Know? 184 D. Fine □	Dispelling the Myths About Feline Heartworm Associated Respiratory Disease 185 R. Dillon □
ASVCP 513d	Interpretation & Examples of Atypical Non-Lymphoid Onco-cytology 186 C. Thompson □	Non-Lymphoid Onco-Cytology; The New Nomenclature for Old Lesions 187 C. Thompson □	Ocular Cytology of Inflammatory, Cystic, Traumatic & Neoplastic Lesions in Cats & Dogs 188 R. Raskin □	Neuro-Cytology of Cerebrospinal Fluid, Impression Smears, & Fine Needle Biopsies 189 R. Raskin □
VECCS 517b	Sedation & Anesthesia for the Critically Ill Patient 190 J. Quandt □	The Use of Vasopressin & Positive Inotropes for the Treatment of Hypotension 191 J. Quandt □	Recognition & Classification of Acute Kidney Injury in the ICU 192 M. Kerl □	Pathophysiology & Management of Acute Renal Failure Associated with Canine Endocrine Disease 193 M. Kerl □
AAVN / ACVN (SA) Comprehensive Reviews 517c	Controversy Over Carbohydrate in Diets for Cats 194 B. Backus □	Maternal Nutrition: Effects on Long-Term Health of the Offspring 195 K. Swanson □	Novel Proteins & Diet Formats for Dogs & Cats 196 K. Swanson □	Could Dietary Taurine Supplementation in Dogs Be Masking a Problem? 197 B. Backus □
ACVIM Equine Review & Research 512a	Normal Ultrasonography of the Equine Abdomen Illustrated with 3D Computerized Animations 198 M. Barton □	Ultrasonic Abnormalities of Equine Intestinal Diseases Illustrated with 3D Computerized Animations 199 M. Barton □	Antimicrobial Associated Diarrhea 200 B. McGorum □	Pathogens of Antimicrobials Assoc. Diarrhea in Horses 201 B. Barr <i>Salmonella</i> in Hospitalized Horses After Discharge 201 P. Morley □
ACVIM Equine Review & Research 512c	Traumatic Central Nervous System Injury: Pathophysiology & Therapeutic Intervention 202 Y. Nout □	The Protective Immune Response to West Nile Virus in Horses 203 K. Seino □	Tetramers for Study of EHV-1 Specific Cellular Responses 204 G. Hussey Vaccination of Ponies with the IE Gene of EHV-1 204 G. Hussey □	Efficacy of Valacyclovir Against EHV-1 Challenge 205 L. Maxwell Utility of Serologic Tests for Diagnosis of EPM 205 A. Johnson □
ACVIM FAIM Post-Graduate Course 510b	Abdominal Discomfort in Llamas & Alpacas: Causes & Clinical Characteristics 206 C. Cebra □	Abdominal Discomfort in Llamas & Alpacas: Diagnosis & Treatment 207 C. Cebra □	Gastrointestinal Disorders in Camelids: Clinical Evaluation & Treatment 208 J. Lakritz □	Differential Diagnosis of Diarrhea in Camelid Crias 209 P. Walker □
ACVIM FAIM Comprehensive Reviews 510d	Immune Evasion by Pathogens of Bovine Respiratory Disease Complex 210 S. Srikumaran □	Molecular & Cellular Pathogenic Mechanisms of <i>Mannheimia haemolytica</i> Leukotoxin 211 S. Srikumaran □	Comparative Pathology & Pathogenic Mechanisms in Bovine Bacterial Pneumonia 212 T. Confer □	Immunity Against <i>Mannheimia haemolytica</i> : Current Knowledge & New Approaches 213 T. Confer □
ACVIM Business Management 510a	Suing a Specialist: What it Takes 214 C. Lacroix □	Cost of a Suit: Non-Economic Damages 215 C. Lacroix □	Do you Know Who the Owner Is? Guardianship Issue Revisited 216 C. Lacroix □	Discussion on Standard of Care: What is it? 217 C. Lacroix □

View Posters / Visit Exhibit Hall

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AFTERNOON SESSIONS | SATURDAY – JUNE 6, 2009

CE: Each 50-minute session = 1 CE Credit

	2:10 – 3:00	3:10 – 4:00	4:25 – 5:15	5:25 – 6:15
ACVIM Cardiology Post-Graduate Course <i>520a</i>	Feline Hypertrophic Cardiomyopathy: Getting into the Thick of It 218 M. Kittleson □	Treatment of Feline HCM: Lost Dreams 219 M. Kittleson □	The Genetics of HCM: Mutant Cats 220 M. Kittleson □	Feline Unclassified Cardiomyopathy: What's in a Cognomen? 221 M. Kittleson □
ACVIM Neurology Clinical Workshop <i>514a</i>	Pathophysiology of Spinal Cord Injury 222 N. Jeffery □	Mechanisms of Spinal Regeneration & Repair 223 N. Jeffery □	Translation of Laboratory Research into Clinical Practice 224 N. Jeffery □	Matrix Metalloproteinases: Therapeutic Target in Dogs with Spinal Cord Injury 225 J. Levine □
ACVIM Oncology Clinical Workshop <i>513a</i>	Getting the Most from Your Tumor Histopathology Report 226 A. Moore / A. Frimberger □	Hematology Monitoring for Small Animal Cancer Patients 227 A. Moore / A. Frimberger □	Serum Biochemistry Analysis & Urinalysis in Small Animal Cancer Patients 228 A. Moore / A. Frimberger □	Ancillary Laboratory Testing in Small Animal Cancer Patients 229 A. Moore / A. Frimberger □
ACVIM SAIM Comprehensive Reviews <i>517b</i>	Pathophysiology of Urinary Tract Infections in Dogs & Cats 230 J. Barsanti □	Feline Urinary Tract Infections: New Pathogens, Presentations, & Treatments 231 A. Litster □	Feline Interstitial Cystitis: Bladder Disease or Developmental Disorder? 232 T. Buffington □	Feline Interstitial Cystitis: Expanding Treatment Approaches 233 T. Buffington □
ACVIM SAIM Post-Graduate Course <i>517d</i>	Current Understanding of the Pathogenesis of Feline Diabetes Mellitus and Principles of Therapy 234 J. Rand □	Management of Feline Diabetes: What Insulin Do I Choose & How Do I Adjust the Dose? 235 J. Rand □	Management of Feline Diabetes: Diet, Acarbose & Problem Cats 236 J. Rand □	Management of Feline Diabetes: Home Monitoring & Protocols 237 K. Roomp / J. Rand □
ACVIM SAIM Post-Graduate Course <i>518a</i>	Protein-Losing Enteropathies in Dogs & Cats: Diagnosis, Management & Common Mistakes 238 M. Willard □	Hematemesis/GI Blood Loss: Causes, Diagnosis & Mgmt. of Occult Ulceration & Coagulopathies in Dogs & Cats 239 M. Willard □	Canine Chronic Diarrheas: Causes, Diagnosis/Management of Non-Infiltrative Disorders 240 M. Willard □	Canine and Feline Chronic Diarrheas: Diagnosis/Management of Infiltrative Disorders 241 M. Willard □
ACVIM SAIM Clinical Workshop <i>517c</i>	Obesity in Cats: Understanding the Problem & Affecting the Solution 242 D. Zoran □	The Enigma of Feline Carbohydrate Metabolism 243 T. Schermerhorn □	Canine Obesity Management: Traditional & New Approaches 244 S. Sanderson □	The Use of NMR to Unravel Glucose & Lipid Metabolism of Lean & Obese Cats 245 M. Hoenig □
ACVIM SAIM Clinical Workshop <i>513d</i>	Managing Constipation in Cats 246 A. Carr □	Cobalamin Deficiency in Dogs & Cats: Why Should You Care? 247 J. Steiner □	Highlights from ACVECC 248 S. McCullough □	Additional Highlights from ACVECC 249 S. McCullough □
SVN / U <i>520c</i>	Diagnostic Assessment of Proteinuric Renal Disease: The 21st Century Vision L. Cowgill Pathologic Lesions in Proteinuric Dogs: Initial Data from the WSAVA Project G. Lees □	Clinical Pathologic Correlates Observed in Canine Proteinuric Renal Diseases D. Polzin What's on the Horizon for Management of Proteinuric Renal Diseases S. Vaden □	Calcium Oxalate: Biologic Behavior & Risk Factor Management J. Lulich Calcium Oxalate: Management by Estimating Urinary Saturation J. Bartges □	Mgmt. of Idiopathic Hypercalcemia in Cats with Calcium Oxalate Stones D. Chew Calcium Oxalate: Mgmt. by Laser Lithotripsy L. Adams □
VUS <i>515a</i>	Ultrasound Perfusion Imaging as a Tool to Direct Patient Management: Human Case Examples 254 R. Mattrey □	Experimental & Potential Clinical Applications of Molecular Ultrasound Imaging and Therapy 255 R. Mattrey □	Contrast-Enhanced CT Imaging Improves Lesion Detection & Characterization: Case Examples 256 G. Seiler □	Case Examples of Contrast-Enhanced & Diffusion-Weighted MR Imaging 257 S. Holmes □
ACVIM Equine Review & Research <i>512a</i>	Update on Aged Horse Health, Management, & Welfare 258 C. McGowan □	Inflamm-aging & Immunosenescence in the Horse 259 D. Horohov □	Factors Affecting Survival in Aged Horses C. McGowan Fecal Egg Counts in Horses with PPID D. McFarlane □	Season, Diet, & Hormone Interactions in Horses N. Frank MRI Diagnostics for the Foal Brain B. Barr □
ACVIM Equine Post-Graduate Course <i>512c</i>	Physiology of Cardiac Mechanical Function: Systolic & Diastolic Function of the Healthy Heart 262 C. Schwarzwald □	Cardiac Pathophysiology: Influence of Cardiac Disease on Cardiac Dimensions & Mechanical Function 263 C. Schwarzwald □	Echocardiographic Assessment of Cardiac Dimensions & Mechanical Function: Conventional Methods, Current Issues, & Controversies 264 C. Schwarzwald □	Echocardiographic Assessment of Cardiac Dimensions & Mechanical Function: Recent Developments & Current Investigations 265 C. Schwarzwald □
ACVIM FAIM Comprehensive Reviews <i>510b</i>	Computed Tomography of Otitis in the Alpaca 266 T. Silver □	Diagnostic Imaging in Domestic & Companion Livestock 267 T. Silver □	Delivering Clone Calves: Challenges & Opportunities 268 G. Fecteau □	Challenging Cases in Small Ruminant Medicine 269 M. Boileau □
ACVIM FAIM Comprehensive Reviews <i>510d</i>	Johne's Disease Supershedders, Passive Shedding & Adult Infection 270 R. Whitlock □	Paratuberculosis in Camelids: Clinical Presentation, Diagnosis, & Control 271 M. Fecteau □	Renal Disease in South American Camelids 272 C. Gerspach □	Biochemical & Histological Diagnosis of Liver Diseases in Dairy Cattle – Case Comparison 273 E. Doré □
ACVIM Business Management <i>510a</i>	Specialty Employment Relationships: Compensation & Benefits 274 C. Lacroix □	Specialty Employment Relationships: Benefits, Non-Competes & Buy-Ins 275 C. Lacroix □	Specialty Employment Relationships: Resident Retention Agreements 276 C. Lacroix □	Entering Ownership or Selling Ownership: The Basics 277 C. Lacroix □

Break / Refreshments

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