

# MORNING SESSIONS | THURSDAY – JUNE 10, 2010

CE: Each 50-minute session = 1 CE Credit

	9:00 – 9:50	10:30 – 11:20	11:30 – 12:20
Research Abstracts <b>201C</b>	Cardiology Research Abstracts <input type="checkbox"/>	Cardiology Research Abstracts <input type="checkbox"/>	Cardiology Research Abstracts <input type="checkbox"/>
ACVIM Cardiology Comprehensive Reviews <b>204B</b>	Cell Biology of Myxomatous Mitral Valve Disease: Is This Disease Inevitable? <b>1 C. Orton</b> <input type="checkbox"/>	Markers of Thrombotic Risk & Future Directions in Therapeutics <b>2 D. Hogan</b> <input type="checkbox"/>	Diagnostic & Prognostic Implications of Genetic Testing for Cardiomyopathies <b>3 K. Meurs</b> <input type="checkbox"/>
ACVIM Neurology Comprehensive Reviews <b>207C</b>	Antiepileptic Drug Therapy: The Next Generation <b>4 M. Podell</b> <input type="checkbox"/>	Clinical Applications of Electroencephalography in Veterinary Medicine <b>5 C. Williams</b> <input type="checkbox"/>	Endoscopic Transsphenoidal Pituitary Surgery <b>6 A. Mamelak</b> <input type="checkbox"/>
ACVIM Oncology Research Focus <b>204C</b>	Oncology Research Abstracts <input type="checkbox"/>	Oncology Research Abstracts <input type="checkbox"/>	Gene Ontology Analysis of Feline Injection Site Sarcomas <b>M. Hauck</b> Phase I Study of <i>Clostridium novyi-NT</i> Tumor-Bearing Dogs <b>E. Krick</b> <input type="checkbox"/>
ACVIM SAIM Comprehensive Reviews <b>Ballroom B</b>	Biomarkers for Canine Sepsis <b>10 A. DeClue</b> <input type="checkbox"/>	Use of Molecular Assays for the Diagnosis of Feline Infectious Diseases <b>11 M. Lappin</b> <input type="checkbox"/>	Metabolic & Cardiac Derangements in Canine <i>Babesiosis</i> <b>12 R. Lobetti</b> <input type="checkbox"/>
VCRS (SA) Comprehensive Reviews <b>207A</b>	Beyond the Chest Film: Advanced Canine & Feline Thoracic Imaging for the Specialist <b>13 R. O'Brien</b> <input type="checkbox"/>	Getting the Most from Feline & Canine Respiratory Cytology <b>14 A. Barger</b> <input type="checkbox"/>	Modulation of the Acute Bronchospasm in a Model of Feline Asthma <b>J. Leemans</b> Soluble-Mesothelin Related Peptide as a Biomarker of Malignant Mesothelioma in Dogs <b>C. Sharp</b> <input type="checkbox"/>
Liver Study Group <b>Ballroom C</b>	S-adenosylmethionine in Hepatocyte Growth, Apoptosis & Cancer <b>16 S. Lu</b> <input type="checkbox"/>	Current Concepts of Canine Biliary Disease: Through the Eye of an Internist <b>17 S. Center</b> <input type="checkbox"/>	Canine Biliary Disease: A Surgeon's Perspective <b>18 P. Mayhew</b> <input type="checkbox"/>
ACVCP / AAVPT <b>Ballroom A</b>	Demystifying Drug Labels: Identifying Key Components <b>19 J. Buur</b> <input type="checkbox"/>	Pharmacokinetics & the Drug Label: What Can You Use? <b>20 T. Martin-Jimenez</b> <input type="checkbox"/>	Safety & Efficacy: What a Drug Label Does & Does Not Tell You <b>21 C. Cole</b> <input type="checkbox"/>
Research Abstracts <b>204A</b>	Nephrology / Urology Research Abstracts <input type="checkbox"/>	Nephrology / Urology Research Abstracts <input type="checkbox"/>	Nephrology / Urology Research Abstracts <input type="checkbox"/>
Research Abstracts <b>205A</b>	Hematology Research Abstracts <input type="checkbox"/>	Hematology Research Abstracts <input type="checkbox"/>	Hematology Research Abstracts <input type="checkbox"/>
Research Abstracts <b>206A</b>	Endocrinology Research Abstracts <input type="checkbox"/>	Endocrinology Research Abstracts <input type="checkbox"/>	Endocrinology Research Abstracts <input type="checkbox"/>
Research Abstracts <b>203A</b>	Equine Research Abstracts <input type="checkbox"/>	Equine Research Abstracts <input type="checkbox"/>	Equine Research Abstracts <input type="checkbox"/>
ACVIM Equine Comprehensive Reviews <b>202A</b>	Dystocia: Outcome & Survival of the Neonate <b>22 K. MacGillivray</b> <input type="checkbox"/>	Infectious Orthopedic Disease: Ancillary Diagnostics - What is New? <b>23 C. Judy</b> <input type="checkbox"/>	Complications of Late Gestation: Ultrasound Assessment of the Equine Pregnancy <b>24 S. Bucca</b> <input type="checkbox"/>
ACVIM FAIM Comprehensive Reviews <b>201A</b>	Minimally Invasive Techniques for the Diagnosis & Management of Camelid Diseases <b>25 D. Anderson</b> <input type="checkbox"/>	Vertically Transmitted Infectious Diseases of Cattle <b>26 S. Peek</b> <input type="checkbox"/>	Goat Scrapie: Update & Comparisons With Sheep Scrapie <b>27 S. Byers</b> <input type="checkbox"/>
ACVIM FAIM Comprehensive Reviews <b>201B</b>	Lesions of the Hoof Horn Capsule & Relationship to Anatomy & Weight Bearing <b>28 S. Van Amstel</b> <input type="checkbox"/>	Pathophysiology & Differentiation of Toe Lesions in Dairy Cattle <b>29 J. Shearer</b> <input type="checkbox"/>	Upper Leg Lameness: Diagnostic & Therapeutic Approaches <b>30 A. Desrochers</b> <input type="checkbox"/>

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# AFTERNOON SESSIONS | THURSDAY – JUNE 10, 2010

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 <b>201C</b>	Cardiology Research Abstracts <input type="checkbox"/>	Cardiology Research Abstracts <input type="checkbox"/>	Cardiology Research Abstracts <input type="checkbox"/>	Cardiology Research Abstracts <input type="checkbox"/>
Research Abstracts <b>205A</b>	Neurology Research Abstracts <input type="checkbox"/>	Neurology Research Abstracts <input type="checkbox"/>	Neurology Research Abstracts <input type="checkbox"/>	Neurology Research Abstracts <input type="checkbox"/>
ACVIM Neurology Comprehensive Reviews <b>207A</b>	<b>31</b> Equine Myopathies: It's Not Just Tying Up Anymore <b>S. Valberg</b> <input type="checkbox"/>	<b>32</b> Clinical & Molecular Aspects of Malignant Hyperthermia in the Horse <b>M. Aleman</b> <input type="checkbox"/>	<b>33</b> Approach to Lysosomal Storage Diseases in the Dog <b>D. O'Brien</b> <input type="checkbox"/>	<b>34</b> Acute Lower Motor Neuron Paralysis <b>A. Fischer</b> <input type="checkbox"/>
Research Abstracts <b>204A</b>	Respiratory Research Abstracts <input type="checkbox"/>	Respiratory Research Abstracts <input type="checkbox"/>	Respiratory / Nephrology / Urology Research Abstracts <input type="checkbox"/>	Nephrology / Urology Research Abstracts <input type="checkbox"/>
ACVIM Oncology Comprehensive Reviews <b>204C</b>	<b>35</b> PARR & Flow Cytometry for Hematologic Malignancy: Are They Clinically Useful? <b>S. Lana</b> <input type="checkbox"/>	<b>36</b> Progenitor Cell Transplantation for the Treatment of Canine Lymphoma <b>S. Suter</b> <input type="checkbox"/>	<b>37</b> Genomic Characterization of Canine Lymphoid Cell Lines <b>S. Suter</b> <input type="checkbox"/>	<b>38</b> Drug Resistance Transporters: Beyond MDR1 <b>K. Mealey</b> <input type="checkbox"/>
ACVIM SAIM Review & Research <b>Ballroom B</b>	<b>39</b> Immunologic & Clinical Aspects of Feline Sepsis <b>A. DeClue</b> <input type="checkbox"/>	<b>11</b> Advances in the Prevention & Management of <i>Borrelia burgdorferi</i> Infections in Dogs <b>R. Goldstein</b> <input type="checkbox"/>	<b>41</b> Feline Panleukopenia: Recognition & Management of Atypical Cases <b>K. Hartmann</b> <input type="checkbox"/>	<b>42</b> Treatment of Cyttauzoonosis <b>L. Cohn</b> Canine Respiratory Disease <b>S. Kapil</b> <input type="checkbox"/>
CGS <b>Ballroom C</b>	<b>43</b> Highlights from Digestive Disease Week with Veterinary Correlates: Pancreatitis <b>J. Steiner</b> <input type="checkbox"/>	<b>44</b> Highlights from Digestive Disease Week with Veterinary Correlates: Enteropathogens <b>J. Suchodolski</b> <input type="checkbox"/>	<b>45</b> Highlights from Digestive Disease Week with Veterinary Correlates: Inflammatory Bowel Disease <b>K. Allenspach</b> <input type="checkbox"/>	<b>46</b> Highlights from Digestive Disease Week with Veterinary Correlates: Minimally Invasive Endoscopic Procedures <b>K. Richter</b> <input type="checkbox"/>
ACVCP / AAAPT <b>Ballroom A</b>	<b>47</b> Detecting & Treating Severe Acute Pain: What Works? <b>K. Grimm</b> <input type="checkbox"/>	<b>48</b> Managing Severe Chronic Pain: Maintaining Quality of Life in Dogs <b>B. KuKanich</b> <input type="checkbox"/>	<b>49</b> Chronic Pain Management in Cats: What are the Options? <b>D. Boothe</b> <input type="checkbox"/>	<b>50</b> New Analgesics: What is in the Pipeline for Dogs & Cats? <b>T. Grubb</b> <input type="checkbox"/>
AVHTM <b>204B</b>	<b>51</b> Transfusion Reactions: How to Recognize, Treat, & Avoid Them <b>U. Giger</b> <input type="checkbox"/>	<b>52</b> Inflammatory Responses to Transfusion <b>S. Smith</b> <input type="checkbox"/>	<b>53</b> Platelet Transfusions: Indications & New Products <b>B. Davidow</b> <input type="checkbox"/>	<b>54</b> Future Trends in Transfusion Medicine <b>A. Hale</b> <input type="checkbox"/>
SCE <b>207C</b>	<b>55</b> Treatment of Vitamin D & Parathyroid Hormone-Linked Disorders <b>J. Adams</b> <input type="checkbox"/>	<b>56</b> Advances in the Treatment of Hypercalcemia: The Veterinary Perspective <b>D. Chew</b> <input type="checkbox"/>	<b>57</b> Iodine Transport in the Thyroid: Role in Diagnosis & Treatment of Nodular Thyroid Disease & Cancer <b>G. Brent</b> <input type="checkbox"/>	<b>58</b> Thyroid Nodules, Bumps, & Lumps: When is Medical Therapy a Useful Treatment Option? <b>M. Peterson</b> <input type="checkbox"/>
Research Abstracts <b>206A</b>	Infectious Disease Research Abstracts <input type="checkbox"/>	Infectious Disease Research Abstracts <input type="checkbox"/>	Infectious Disease / Immunology Research Abstracts <input type="checkbox"/>	Immunology / Pharmacology Research Abstracts <input type="checkbox"/>
Research Abstracts <b>203A</b>	Equine Research Abstracts <input type="checkbox"/>	Equine Research Abstracts <input type="checkbox"/>	Equine Research Abstracts <input type="checkbox"/>	Equine Research Abstracts <input type="checkbox"/>
ACVIM Equine Post-Graduate Course <b>202A</b>	<b>59</b> Advances in Understanding Native Defense Mechanisms <b>J. Roth</b> <input type="checkbox"/>	<b>60</b> Advances in Understanding Cell Mediated Immunity <b>J. Roth</b> <input type="checkbox"/>	<b>61</b> Principles of Vaccinology: The Utilization of the Immune System to Make a Vaccine Effective <b>J. Roth</b> <input type="checkbox"/>	<b>62</b> Principles of Vaccinology: Adverse Reactions & Why They Sometimes Fail <b>J. Roth</b> <input type="checkbox"/>
Research Abstracts <b>201B</b>	Food Animal Research Abstracts <input type="checkbox"/>	Food Animal Research Abstracts <input type="checkbox"/>	Food Animal Research Abstracts <input type="checkbox"/>	Food Animal Research Abstracts <input type="checkbox"/>
ACVIM FAIM Comprehensive Reviews <b>201A</b>	<b>63</b> Cardiac Diseases of Cattle <b>S. Peek</b> <input type="checkbox"/>	<b>64</b> Teat Lesions of Cattle <b>D. Anderson</b> <input type="checkbox"/>	<b>65</b> Thelescopy of the Bovine Teat <b>D. Anderson</b> <input type="checkbox"/>	<b>66</b> Challenging Case Examples of Bovine Intestinal Disease <b>A. Descrochers</b> <input type="checkbox"/>

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# MORNING SESSIONS | FRIDAY - JUNE 11, 2010

CE: Each 50-minute session = 1 CE Credit

	8:00 – 8:50	9:00 – 9:50
ACVIM Cardiology Research Focus <b>201C</b>	Brachial Artery Doppler Waveform Analysis & Endothelial Function in Dogs <b>S. Cunningham</b> Decreased Flow Mediated Vasodilation in Dogs with MV Disease <b>S. Moesgaard</b> <input type="checkbox"/>	c-TnI Predicts Myocardial Arteriosclerosis & Fibrosis in Dogs with CHF from MVD <b>T. Falk</b> Longitudinal Study of the Cardiac Biomarker NT-proBNP in Canines <b>S. Forney</b> <input type="checkbox"/>
ACVIM Neurology Research Focus <b>205A</b>	SOTA: Narcolepsy in Canines & Humans: Pathophysiology <b>E. Mignot</b> <input type="checkbox"/>	SOTA: Narcolepsy in Canines: Clinical & Therapeutic Aspects. How to Recognize Narcolepsy in Canines & Treat It <b>E. Mignot</b> <input type="checkbox"/>
ACVIM Oncology Research Focus <b>204C</b>	GD3 Melanoma Vaccine <b>R. Milner</b> Thermochemotherapy for the Treatment of Solid Tumors <b>J. Phillips</b> <input type="checkbox"/>	PAC-1 for Canine Lymphoma <b>L. Garrett</b> Expression & Function of Survivin in Canine Osteosarcoma <b>D. Thamm</b> <input type="checkbox"/>
Research Abstracts <b>201A</b>	Nutrition / Metabolism Research Abstracts <input type="checkbox"/>	Nutrition / Metabolism Research Abstracts <input type="checkbox"/>
Research Abstracts <b>206A</b>	Hepatology Research Abstracts <input type="checkbox"/>	Gastroenterology Research Abstracts <input type="checkbox"/>
ACVIM SAIM Research Focus <b>207C</b>	SOTA: Pulmonary Hypertension in Humans: Diagnosis & Evaluation <b>V. Test</b> <input type="checkbox"/>	SOTA: Pulmonary Hypertension in Humans: Therapy <b>V. Test</b> <input type="checkbox"/>
ACVIM SAIM Research Focus <b>204A</b>	Biological Variation in Spec CPL & C-Reactive Protein <b>C. Ruaux</b> Use of Detemir Insulin in Diabetic Dogs <b>S. Ford</b> <input type="checkbox"/>	Titration of NFE in Canned Formulations to Induce Ketosis and Weight Loss in Obese Cats <b>L. Melendez</b> Lifespan Analysis of Metabolic Profiles in Cats <b>S. Zicker</b> <input type="checkbox"/>
ACVIM SAIM Comprehensive Reviews <b>204B</b>	Urinary Tract Catheterization & Nosocomial Infections in Dogs & Cats <b>J. Barsanti</b> <input type="checkbox"/>	Fosfomycin: An Alternative Therapy for Urinary Tract Infections? <b>D. Boothe</b> <input type="checkbox"/>
ACVIM SAIM Comprehensive Reviews <b>Ballroom A</b>	Nutritional Management of Acute Pancreatitis in the Dog & Cat <b>C. Mansfield</b> <input type="checkbox"/>	A Genetic Approach to Gallbladder Mucoceles in Dogs <b>K. Mealey</b> <input type="checkbox"/>
ACVIM SAIM Comprehensive Reviews <b>Ballroom B</b>	Minimally Invasive Approaches to Thrombosis in Small Animals <b>M. Dunn</b> <input type="checkbox"/>	Cyclosporine & the Hemostatic System: Is the Drug Safe in IMHA Patients? <b>A. Mackin</b> <input type="checkbox"/>
ACVIM SAIM Comprehensive Reviews <b>Ballroom C</b>	The Pathophysiology of Canine <i>Diabetes mellitus</i> <b>R. Hess</b> <input type="checkbox"/>	The Recent Developments in the Management of <i>Diabetes mellitus</i> in Dogs <b>L. Fleeman</b> <input type="checkbox"/>
ISCAID <b>207A</b>	Progress in Immunity to, & Vaccination for, Coccidioidomycosis <b>D. Pappagianis</b> <input type="checkbox"/>	Epidemiology of <i>Cryptococcus</i> Infections <b>J. Sykes</b> <input type="checkbox"/>
ACVIM Equine Comprehensive Reviews <b>202A</b>	<i>Lawsonia intracellularis</i> : Molecular Epidemiology in the Horse <b>C. Gebhart</b> <input type="checkbox"/>	Pathophysiology, Clinical Presentation & Treatments of Systemic Fungal Disease in the Horse <b>A. Stewart</b> <input type="checkbox"/>
ACVIM Equine Research Focus <b>203A</b>	Correlation of ACTH & Cortisol with Cytokine Expression in Septic & Non-Septic Neonatal Foals <b>J. Gold</b> CT & MR Imaging of Equine Pituitary Glands <b>H. Schott</b> <input type="checkbox"/>	Insulin & Glucose Responses to Carbohydrate Feeding in Normal & Laminitic Ponies <b>K. Borer</b> Regulation of Glucose Transport During Insulin Resistance <b>V. Lacombe</b> <input type="checkbox"/>
ACVIM FAIM Research Focus <b>201B</b>	SOTA: Horizontal Transfer of Antibiotic Resistance Genes in Nature <b>A. Salyers</b> <input type="checkbox"/>	SOTA: Is the Agricultural Use of Antibiotics Hazardous to Human Medicine? <b>A. Salyers</b> <input type="checkbox"/>

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## KEYNOTE

**10:30 am – 11:20 am**

Convention Center Ballroom C

**Keynote Session:**  
2010 ACVIM Award Winners & Honorees  
2010 ACVIM Forum Sponsor Recognition



### Keynote Address:

**Extra-Ordinary Veterinarian:**  
**Dr. Paul Pion, DACVIM (Cardiology)**

Nominated by ACVIM Diplomates, Dr. Pion will share his life story, how he was influenced by those around him to make choices beyond the usual and customary, and challenge us to reflect on the choices we make that shape our lives.

## 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**  
*Mycoplasma Bovis Infections in Cattle*

Convention Center Ballroom B

**Small Animal Consensus Statement DRAFT titled**  
*Leptospirosis: Diagnosis, Epidemiology, Treatment, & Prevention*

Convention Center Ballroom C



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ACVIM Cardiology Research & Review <b>201C</b>	SOTA: Applications of Three-Dimensional Echocardiography in Human Cardiology <b>93 T. Ryan</b> □	SOTA: Assessment of Cardiac Hemodynamic by Echocardiography in People <b>94 T. Ryan</b> □	Echocardiographic Assessment of Degenerative Valve Disease <b>95 J. Bonagura</b> □	Evaluation of Pulmonary Hypertension & Disorder of the Great Vessels by CT <b>96 D. Sisson</b> □
ACVIM Cardiology Research & Review <b>207C</b>	Optimal Nutrition for Feline Cardiac Patients <b>97 L. Freeman</b> □	The Prevalence & Effects of Canine Cardio-Renal-Anemia Syndrome <b>98 D. Ohad</b> □	Atrial Fibrillation in Dogs: Do We Have it Under Control? <b>99 H. Green</b> □	Clinical Assessment of Cardiovascular Autonomic Nervous System Function in the Dog <b>E. Cote</b> Advances in Interventional Therapies for Veterinary Patients <b>R. Prosek</b> □
ACVIM Neurology Research Focus <b>205A</b>	Pituitary Surgery in Dogs <b>D. Bruyette</b> Cyberknife Radiosurgery in Dogs & Cats <b>S. Charney</b> □	hsp70 in Steroid Responsive Meningitis-Arteritis <b>S. Moore</b> Degenerative Myelopathy of the German Shepherd Dog – Part 1 <b>R. Clemmons</b> □	Degenerative Myelopathy of the German Shepherd Dog – Part 2 <b>R. Clemmons</b> SOD1-Associated Canine Degenerative Myelopathy: A Progress Report <b>J. Coates</b> □	Gene Association Mapping of Necrotizing Meningoencephalitis in Pugs <b>R. Barber</b> Vertebral Ratios in Cervical Spondylomyelopathy <b>R. da Costa</b> □
ACVIM Oncology Research Focus <b>204A</b>	SOTA: Next-Generation Histone Deacetylase Inhibitors <b>J. Bradner</b> □	SOTA: A Chemical Genetic Approach to Protein Homeostasis <b>J. Bradner</b> □	CD4+CD25+FoxP3+ T Regulatory Cells in Canine Osteosarcoma Patients & Healthy Controls <b>K. Risetto</b> Calcitriol with CCNU, Vinblastine, Imatinib or Toleramib on Canine Mastocytoma Cells <b>E. Malone</b> □	Immunoprecipitation to Screen Lymphoma Cells for Hypermethylation <b>J. Bryan</b> 2-Deoxyglucose Inhibits Spontaneous Metastasis in Murine Osteosarcoma <b>D. Thamm</b> □
ACVIM Oncology Comprehensive Reviews <b>204C</b>	Evolution of the Veterinary Oncology Paradigm: Should a Cure be Our Goal? <b>109 C. Khanna</b> □	Statistics & Clinical Trial Design <b>110 M. Paoloni</b> □	Molecular & Biologic Activity of Receptor Tyrosine Kinases in Canine Cancer <b>111 D. Thamm</b> □	Tyrosine Kinase Inhibitor (TKI) Therapy in Companion Animals: Year One <b>112 C. London</b> □
Research Abstracts <b>206A</b>	Gastroenterology Research Abstracts □	Gastroenterology Research Abstracts □	Gastroenterology Research Abstracts □	Gastroenterology Research Abstracts □
ACVIM SAIM Research Focus <b>204B</b>	A Model of Acid-Induced Injury in the Canine Stomach <b>T. Hill</b> Gastric Alms Fails to Protect Against Acid Injury <b>T. Hill</b> □	Diagnosis of Copper Hepatopathy Via Biliary Cu Concentration <b>B. Pressler</b> Growth Factors Expression in Canine Spirocerosis <b>E. Dvir</b> □	The Effects of an Incretin Mimetic, Exenatide, in Healthy Cats <b>J. Brunker</b> FHV-1 and <i>Mycoplasma</i> in Cats With Conjunctivitis <b>M. Lappin</b> □	Aspirin & Urinary Thromboxane Metabolites <b>S. Smith</b> Oral Prednisolone vs. Prednisone in Cats & Safe Dosing Strategy <b>S. Center</b> □
ACVIM SAIM Post-Graduate Course <b>Ballroom C</b>	Overview of Adrenal Gland Physiology & Diagnostic Testing <b>C. Scott-Moncrieff</b> □	Hypoadrenocorticism in Dogs & Cats: Update on Diagnosis & Treatment <b>C. Scott-Moncrieff</b> □	Hyperadrenocorticism in the Dog & Cat: Clinical Presentation & Diagnosis <b>C. Scott-Moncrieff</b> □	Update on Treatment of Hyperadrenocorticism: What is the Current Recommendation? <b>C. Scott-Moncrieff</b> □
ASVCP <b>Ballroom A</b>	Clinical Pathology of Renal Physiology <b>121 M. Nabity</b> □	Challenging Cases: Renal Disorders of Cats & Dogs <b>122 M. Nabity</b> □	Physiology of Acid-Base & Electrolyte Disorders <b>123 J. Christian</b> □	Challenging Cases: Electrolytes & Acid-Base Disorders <b>124 J. Christian</b> □
VECCS <b>Ballroom B</b>	Analysis of Clinical Platelet Function of Dogs & Cats <b>125 K. Jandrey</b> □	Colloids & Coagulopathies: Is Hydroxyethyl Starch a Cause? <b>126 K. Jandrey</b> □	Hypercoagulability in Cats with Hypertrophic Cardiomyopathy <b>127 K. Jandrey</b> □	The Thromboelastograph in Clinical Practice <b>128 K. Jandrey</b> □
ISCAID <b>207A</b>	Progress in Vaccination for Blastomycosis <b>129 B. Klein</b> □	Opportunistic Mycoses in Dogs & Cats <b>130 A. Grooters</b> □	Update in Antigen Testing for Deep Mycoses <b>131 J. Wheat</b> □	Novel Antifungal Drug Therapies for Deep Mycoses <b>132 A. Legendre</b> □
ACVIM Equine Review & Research <b>203A</b>	SOTA: Damage Control Hematology: Trauma Exsanguination Protocol in the Human Patient <b>133 R. Miller</b> □	SOTA: Blood & Blood Product Restriction Guidelines in the Management of Critically Ill & Injured Human Patients <b>134 R. Miller</b> □	Maintenance Fluid Therapy: Are We Overestimating Our Equine Patients' Needs? <b>135 H. Schott</b> □	Replacement Fluid Therapy for the Critical Equine Patient <b>136 G. Magdesian</b> □
AAVN / ACVN (Equine) Comprehensive Reviews <b>202A</b>	Dietary Carbohydrates: Implications for Laminitis & Equine Metabolic Syndrome <b>137 R. Geor</b> □	The Glycemic/Insulinemic Response of Horses to 3 Diets <b>J. Suagee</b> Glucose/Insulin Levels of Horses Fed Grass Hay Diets <b>M. Shepherd</b> □	Assessing Insulin Sensitivity in Clinical & Research Settings <b>S. Pratt</b> Management of the Insulin Resistant Horse <b>N. Frank</b> □	Carbohydrate-Related Claims for Horse Feeds: Regulatory Considerations <b>140 D. Dzanis</b> □
ACVIM FAIM Research Focus <b>201B</b>	Diaphragmatic Paralysis in Juvenile Alpacas <b>S. Byers</b> Effects of Plasma & Hetastarch on Blood Colloid Osmotic Pressure in Alpacas <b>E. McKenzie</b> □	Oral Pharmacokinetics of Ponazuril in Healthy Llamas <b>M. Prado</b> PK-PD Integration for Oxytetracycline in Healthy & Pneumonic Calves <b>T. Potter</b> □	Bioavailability of Oral Selenium Supplements in Sheep <b>J. Hall</b> Hypokalemia in Dairy Cattle <b>P. Constable</b> □	Lactoferrin: Potential Effects through MAPK Signaling <b>M. Dawes</b> Hereditary Myotonia in Water Buffalo <b>A. Borges</b> □
VCRS (FA) Comprehensive Reviews <b>201A</b>	Respiratory Evaluation & Disease in Neonatal Crias <b>145 D. Bedenice</b> □	Respiratory Evaluation & Disease in Camelids <b>146 D. Bedenice</b> □	Transcriptome Analysis in the Investigation of Ruminant Respiratory Disease <b>147 T. Gull</b> □	Respiratory Mechanics & BALs in Healthy Alpacas <b>A. Pacheco</b> Change in Lung Function Caused by PRRSV <b>J. Wagner</b> □

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# MORNING SESSIONS | SATURDAY - JUNE 12, 2010

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 Research Focus <b>201C</b>	Adiponectin & C-reactive Protein in Normal & CHF Dogs <b>O. Nelson</b> Cytokine & MMP Expression in Myocardium of Dogs with Cardiac Disease <b>S. Fonfara</b> □	MMP-9 is Associated with Systolic Function in Dogs with MVD <b>I. Ljungvall</b> Myocardial Protein Levels in Canine & Feline Heart Disease <b>M. Sleeper</b> □	Biplane Simpson & M-Mode for Doberman DCM <b>G. Wess</b> Heart Rhythm Characterization During Loss of Consciousness in the Dog <b>R. Santilli</b> □	Use of Pimobendan in the Treatment of HF in 28 Cats <b>S. Gordon</b> Prevalence of Heart Murmurs & Occult HD in Adult Cats <b>L. Drouff</b> □
ACVIM Cardiology Comprehensive Reviews <b>204B</b>	Cardiac Evaluation of the Exercising Horse <b>S. Jesty</b> □	Therapeutic Options in Equine Atrial Fibrillation <b>K. McGurrian</b> □	Vascular Rings & Similar Things in Dogs: Differential Diagnoses <b>J. Buchanan</b> □	Feasibility of Stents for Congenital Valvular Pulmonary Stenosis in Dogs <b>B. Scansen</b> □
ACVIM Neurology Research Focus <b>207C</b>	Evaluation of Levitracetam <b>K. Munana</b> Magnetic Resonance Imaging of Diskospondylitis <b>I. Carrera</b> □	Acute Canine Polyradiculoneuritis <b>A. Fischer</b> Low Field MRI & TMS in Dogs with Wobbler Syndrome <b>S. De Decker</b> □	Association Between the ABCB1 (MDR1) Gene & Seizure Control <b>K. Munana</b> Kinematics of the Cranial & Caudal Cervical Spine in Large Breed Dogs <b>J. Johnson</b> □	New Quantitative Assays for the Differential Diagnosis of EPM <b>S. Reed</b> Late Breaking Research Report □
ACVIM Neurology Comprehensive Reviews <b>205A</b>	Diagnosis & Management of Craniocervical Junction Anomalies: Challenges & Strategies <b>S. Cerda-Gonzales</b> □	Successes & Failures in the Surgical Management of Caudal Occipital Malformation Syndrome in Dogs <b>A. Shores</b> □	Histopathologic Changes & MRI Findings in Degenerative Foraminal Stenosis <b>T. Goedde / K. Matiassek</b> □	The Ultrasonic Aspirator: Current & Potential Neurosurgical Applications <b>P. Kenny</b> □
ACVIM Oncology Post-Graduate Course <b>204C</b>	Medical & Surgical Oncology: Diagnosis & Management of Lymphoma in Dogs & Cats <b>JP Woods / S. Boston</b> □	Medical & Surgical Oncology: Diagnosis & Management of Mast Cell Tumors in Dogs & Cats <b>JP Woods / S. Boston</b> □	Medical & Surgical Oncology: Diagnosis & Management of Osteosarcoma in Dogs & Cats <b>JP Woods / S. Boston</b> □	Medical & Surgical Oncology: Diagnosis & Management of Soft Tissue Sarcoma in Dogs & Cats <b>JP Woods / S. Boston</b> □
ACVIM One Medicine <b>204A</b>	Airway Obstructive Disorders: Are Humans Good Models for Horses? <b>E. Robinson</b> □	Don't Blame the Dog: The Influence of Human Medicine on Companion Animal Infectious Diseases <b>S. Weese</b> □	Hereditary Nephropathy (Alport Syndrome) in Dogs, Mice and People <b>G. Lees</b> □	Pathophysiology of Stress-Related Gastrointestinal Disorder <b>A. Moeser</b> □
ACVIM SAIM Review & Research <b>Ballroom A</b>	Evaluating Renal Function: More Than BUN & Creatinine <b>L. Ross</b> □	The Changing Paradigm of Proteinuria <b>G. Grauer</b> □	Glomerular Filtration Rate in Dogs & Cats: Where Are We Now? <b>H. Lefebvre</b> □	Measurement of Glomerular Filtration Rate (GFR) in Cats <b>N. Finch</b> D,L-Methionine for Canine Struvite Dissolution <b>J. Bartges</b> □
ABVP Post-Graduate Course <b>Ballroom C</b>	Classification & Diagnosis of Seizure Disorders in Small Animal Patients <b>C. Mariani</b> □	Maintenance Therapy for the Routine and Difficult to Control Epileptic Patient <b>C. Mariani</b> □	Treatment of Cluster Seizures & Status Epilepticus <b>C. Mariani</b> □	New Horizons in Epilepsy Diagnosis & Therapy <b>C. Mariani</b> □
ASVCP <b>206A</b>	Bone Marrow Collection, Preparation & Assessment in Cats & Dogs <b>R. Allison</b> □	Challenging Cases: Bone Marrow Disorders in Cats & Dogs <b>R. Allison</b> □	Myelodysplastic Syndromes in Cats & Dogs: Improved Prognostic Indicators <b>A. MacNeill</b> □	Classification of Acute Leukemias <b>A. MacNeill</b> □
VECCS <b>Ballroom B</b>	Advances in Toxicology: The Use of Intra-Lipid Therapy & High-Dextrose Insulin Therapy <b>J. Lee</b> □	Complications & Controversies of Decontamination: Activated Charcoal – To Use or Not to Use? <b>J. Lee</b> □	What is the Role of Edema in Acute Spinal Cord Injury? <b>Y. Nout</b> □	Methods for Neural Repair Following Spinal Cord Injury <b>Y. Nout</b> □
AAVN / ACVN (SA) Comprehensive Reviews <b>207A</b>	Comparative Aspects of Glucose Metabolism & Regulation in Companion Animals <b>S. Zicker</b> □	Sweet Success: Nutritional Management of the Feline Diabetic <b>C. Kirk</b> □	Sweet Success: Nutritional Management of the Canine Diabetic <b>L. Fleeman</b> □	Carbohydrate-Related Claims for Pet Foods: Regulatory Considerations <b>D. Dzanis</b> □
ACVIM Equine Research Focus <b>203A</b>	Gallium for Prevention of <i>Rhodococcus equi</i> <b>K. Chaffin</b> VapA/CpG ODN Vaccine against <i>R. equi</i> in Foals <b>K. Lohmann</b> □	Gastric Ulceration in Foals <b>C. Sanchez</b> Steroids in the Treatment of IAD <b>R. Leguillette</b> □	Phenylbutazone Dose Titration in Horses <b>J. Foreman</b> Thromboelastometry, Hypocoagulability, & Polycythemia <b>S. Smith</b> □	Ultrasound Cervical Parameters in the Mare Throughout Gestation <b>S. Bucca</b> Neuroaxonal Dystrophy in Quarter Horses <b>C. Finno</b> □
ACVIM Equine Comprehensive Reviews <b>202A</b>	Pathophysiology & Treatment Options for Equine Fungal Keratitis <b>A. Clode</b> □	Pathophysiology & Treatment Options for Equine Glaucoma <b>A. Clode</b> □	Pathophysiology & Treatment Options for Equine Inflammatory Corneal Disease <b>C. Plummer</b> □	Pathophysiology & Treatment Options for Equine Recurrent Uveitis <b>C. Plummer</b> □
ACVIM FAIM Post-Graduate Course <b>201A</b>	Nociception & Physiology of Pain in Food Animals <b>H. Coetzee</b> □	Pharmacology of Pain Management in Food Animals <b>H. Coetzee</b> □	Using Behavior for Clinical Assessment of Pain in Bovines <b>S. Millman</b> □	Sickness Behavior & the Convalescent Food Animal <b>S. Millman</b> □
ACVIM FAIM Comprehensive Reviews <b>201B</b>	Rumen Acidosis: Pathophysiology & Etiology <b>P. Plummer</b> □	Rumen Acidosis: Sequella & Management <b>P. Plummer</b> □	Alterations in Bovine Immunology Associated with Subacute Rumen Acidosis & Ketosis <b>C. Chase</b> □	Engaging the Innate Immune Response for Proper Vaccine Responses <b>C. Chase</b> □
ACVIM Business Management <b>210D</b>	Creating an Exceptional Specialty Patient & Client Experience <b>R. Brogdon / K. Felsted</b> □	Engaging the Specialty Veterinary Team to Build Loyalty & Generate Revenue <b>R. Brogdon / K. Felsted</b> □	Communication in Specialty Care: Crafting Messages for Our Audiences <b>R. Brogdon / K. Felsted</b> □	The Specialty Practice in the Community: How & Where to Become Involved <b>R. Brogdon / K. Felsted</b> □

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# AFTERNOON SESSIONS | SATURDAY - JUNE 12, 2010

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 Clinical Workshop <b>204B</b>	213 What Are Biomarkers & How Might We Use Them? <b>A. Boswood</b> □	214 NT-proBNP: Summary of a Canine Cohort Study <b>A. Beardow</b> □	215 NT-proBNP: The Cat is Not A Dog <b>S. Ettinger</b> □	216 Beyond NT-proBNP: Alternative Biomarkers of Cardiac Disease <b>R. Prosek</b> □
ACVIM Neurology Clinical Workshop <b>205A</b>	217 A Mitochondrially Inherited Neurological Syndrome in the Golden Retriever <b>K. Jaderlund</b> □	218 Alaskan Husky Encephalopathy: An Update <b>K. Vernau</b> □	219 Subacute Necrotizing Encephalopathy (SNE) in Yorkshire Terriers: An Update <b>K. Matiasek</b> □	220 Diagnosis & Treatment of Mitochondrial Myopathies in Dogs <b>D. Shelton</b> □
ACVIM Oncology Comprehensive Reviews <b>204C</b>	221 Clinical Applications of Retinoids for the Treatment of Canine & Feline Cancer <b>C. Souza</b> □	222 Update on SRS, IMRT, IGRT & Other Novel Radiation Technologies Now Being Used in Veterinary Medicine <b>S. LaRue</b> □	223 Case Presentations of Veterinary Cancer Patients Treated With Novel Radiation Technologies <b>S. LaRue</b> □	224 Role of Infection in Tumor Control <b>D. Thamm</b> □
ACVIM SAIM Comprehensive Reviews <b>Ballroom C</b>	225 Diagnosing Lung Disease in Dogs & Cats Using Mechanics, Breath & Lung-Seeking Nanoparticles <b>C. Reinero / K. Selting</b> □	226 Inhalational Therapies in Dogs & Cats <b>C. Reinero / K. Selting</b> □	227 Chronic Nasal Disease in Dogs: Diagnosis & Treatment <b>N. Kuehn</b> □	228 Chronic Nasal Disease in Cats: Diagnosis & Treatment <b>N. Kuehn</b> □
ACVIM SAIM Comprehensive Reviews <b>207A</b>	229 Assessment of Hormone Abnormalities in Adrenal Disease <b>P. Lathan</b> □	230 The Incidental Adrenal Mass: What Should You Do? <b>A. Cook</b> □	231 Renal Hypertension: Is the Renin-Angiotensin-Aldosterone System Responsible? <b>H. Syme</b> □	232 Pathogenesis of Secondary Hyperparathyroidism <b>P. Schenck</b> □
ACVIM SAIM Post-Graduate Course <b>Ballroom A</b>	233 Difficult Esophageal Problems: Inflammation & Stricture <b>M. Willard</b> □	234 Esophageal & Gastric Problems that are Hard to Diagnose / Treat <b>M. Willard</b> □	235 Episodic Vomiting & Diarrhea <b>M. Willard</b> □	236 Protein-Losing Enteropathies <b>M. Willard</b> □
ACVIM SAIM Clinical Workshop <b>207C</b>	237 Advanced Computed Tomography <b>T. Schwarz / S. Stieger</b> □	238 Advanced Computed Tomography <b>T. Schwarz / S. Stieger</b> □	239 Nutritional Myths & Fallacies: Talking to an Owner <b>S. Perea</b> □	240 Nutrition: Making Pet Foods at Home <b>S. Perea</b> □
ACVIM SAIM Clinical Workshop <b>Ballroom B</b>	241 Therapeutic Misadventures: Cases of Drug Interactions, Drug Toxicity, & Other Disasters <b>L. Trepanier</b> □	242 Therapeutic Misadventures: Cases of Drug Interactions, Drug Toxicity, & Other Disasters <b>L. Trepanier</b> □	243 Year in Review: Hematology <b>S. Smith</b> □	244 Atypical Immune-Mediated Hemolytic Anemia in a Dog <b>A. Mackin</b> □
SVN/U <b>201C</b>	245 What Constitutes a Diagnosis of Feline Idiopathic Cystitis? <b>J. Lulich</b> What Causes Feline Idiopathic Cystitis? An Update <b>C. Kirk</b> □	246 Multimodal Environmental Enrichment Therapy of FIC <b>D. Chew</b> Medical Treatments of Feline Idiopathic Cystitis <b>J. Birtges</b> □	247 Staging Patients with Acute Kidney Injury: A New Paradigm <b>L. Cowgill</b> Conservative Management of Acute Kidney Injury: Present & Future <b>D. Polzin</b> □	248 Acute Kidney Injury: The Role of Hemodialysis <b>C. Langston</b> Acute Kidney Injury: The Role of CRRT <b>M. Aciero</b> □
VUS <b>204A</b>	249 Digital Radiography of Dogs & Cats: Reading the New Films <b>M. Wright</b> □	250 Updates on Intrathoracic Ultrasound <b>A. Zwingenberger</b> □	251 How to Get the Lesion: US Guided Thoracic Biopsy <b>R. Pollard</b> □	252 Cytology of Lung Tissue Fine Needle Aspirates <b>A. Barger</b> □
ACVIM Equine Comprehensive Reviews <b>202A</b>	253 Exercise-Induced Pulmonary Hemorrhage: Is Furosemide the Best Treatment Option? <b>P. Morley</b> □	254 Evaluation of Heart Rate & Rhythm in the Exercising Horse <b>K. McGurrin</b> □	255 Spinal Causes of Poor Performance in the Sport Horse <b>C. Judy</b> □	256 Muscle Disorders Related to Poor Performance <b>S. Valberg</b> □
ACVIM Equine Clinical Workshop <b>203A</b>	257 Doppler Echocardiography in Equine Patients: Pulsed Wave, Continuous Wave, & Color Doppler <b>S. Jesty</b> □	258 The Use of Doppler Echocardiography in the Workup of Equine Cardiac Cases: Case Discussions <b>S. Jesty</b> □	259 Which Endocrine Disorder are We Dealing With? Pars Intermedia Dysfunction vs. Equine Metabolic Syndrome: Diagnostics <b>N. Frank</b> □	260 Which Endocrine Disorder are We Dealing With? Pars Intermedia Dysfunction vs. Equine Metabolic Syndrome: Treatment Options <b>N. Frank</b> □
ACVIM FAIM Comprehensive Reviews <b>201A</b>	261 Calf Pneumonia: Clinical Assessment & Monitoring in Calf Facilities <b>S. McGuirk</b> □	262 Pharmacology of Medications Used to Treat Calf Pneumonia <b>H. Coetzee</b> □	263 Practical Vaccinology of Dairy Calves <b>C. Chase</b> □	264 Epidemiology of Mycoplasma Infections in Dairy Calves & New Research on Transmission <b>F. Maunsell</b> □
ACVIM FAIM Clinical Workshop <b>201B</b>	265 Five of the Best Food Animal Internal Medicine Journal Articles Published in 2009 <b>P. Constable / A. Rousel</b> □	266 The Other 5 Best Food Animal Internal Medicine Journal Articles Published in 2009 <b>P. Constable / A. Rousel</b> □	267 Dairy Calf Ranch Disease: Approaches to Diagnostics & Treatments <b>J. Reynolds</b> □	268 Dairy Calf Ranch Disease: Interventions for Prevention <b>J. Reynolds</b> □
ACVIM Business Management <b>210D</b>	269 Specialty Practice Financial Health: What Metrics Should You Evaluate <b>R. Brogdon / K. Felsted</b> □	270 Specialty Practice Financial Health: What To Do if the Numbers Aren't Healthy <b>R. Brogdon / K. Felsted</b> □	271 How to Measure, & Possibly Revive, Practice Profitability <b>R. Brogdon / K. Felsted</b> □	272 Succession Planning: Associate Buy-ins to a Specialty Practice <b>R. Brogdon / K. Felsted</b> □

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