

RESEARCH FOCUS LECTURES

State-of-the-Art (SOTA) presentations are geared for ACVIM Diplomates. The speakers are recognized as experts in their topic areas. During each lecture, information from the last two years is presented and encompasses new material. Background information is minimal in order to provide sufficient time for new material.

Research Report presentations permit active researchers in the field the opportunity to present new findings using an extended abstract format. The findings may be clinical or basic in nature. The majority of each presentation is comprised of cutting-edge research findings.

COMPREHENSIVE REVIEW LECTURES

Comprehensive Review lectures cover a review of fundamental principles of disease or an area of applied medicine. The 50-minute lectures provide an extensive, critical, up-to-date overview of a topic that is directly or indirectly applicable to veterinary internal medicine. Content is derived from evidence-based reports and similar sources with minimal inclusion of empirical information. The subject matter goes well beyond an advanced graduate or advanced professional student/resident lecture in complexity and depth.

Fundamental Principles of Disease lectures feature topics related to medical physiology or pathophysiology of disease. Lecture content is not required to directly impact clinical practice, but encompasses an aspect of veterinary medical knowledge. Speakers are strongly encouraged to include unpublished data.

Applied Medicine presentations provide a critical and extensive review of topics directly related to the practice of veterinary internal medicine. The majority of information originates from scientific reports published in the last three to five years. Lecture content provides attendees with new information that can be applied directly to the practice of innovative veterinary internal medicine.

POST-GRADUATE COURSES

Post-Graduate Courses, offered in a mini-course format, are a series of advanced level lectures on a topic of clinical interest. Each course includes a critical current overview but may also incorporate clinical case examples and other case material. Courses may include two, three or four 50-minute consecutive lectures on a thematic topic.



CLINICAL WORKSHOPS

Clinical Workshops are interactive lectures with advanced medicine cases or pertinent topics presented and discussed in an informal setting. Clinical examples illustrate the most current diagnostic and treatment methods, and demonstrate a problem-based approach to managing complex disease.

GRID KEY FOR SCIENTIFIC SESSIONS for the following pages

 CARDIOLOGY	 SMALL ANIMAL INTERNAL MEDICINE & AFFILIATED GROUPS	 STATE-OF-THE-ART SPEAKER (SOTA)
 NEUROLOGY	 EQUINE	 BUSINESS MANAGEMENT
 ONCOLOGY	 FOOD ANIMAL	 ONE MEDICINE
 RESEARCH ABSTRACTS		

Sag=Sagamore

	RM	9:00-9:50 am	10:30-11:20 am	11:30 am-12:20 pm
Research Abstracts*	234	Cardiology	Cardiology	Cardiology
Cardiology Comprehensive Review	Sag 1-2	Cardiac Manifestations of Chagas Disease in Dogs A. Saunders, S. Gordon	New Insights Into the Commonalities Between Human and Canine Myxomatous Mitral Valve Disease K. Driesbaugh, M. Oyama	Real Time 3D-echocardiographic Assessment in Dogs With Myxomatous Mitral Valve Degeneration M. Borgarelli
Research Abstracts*	233	Oncology	Oncology	Oncology
Oncology Comprehensive Review	Sag 7	Progress in Cancer Immunotherapy: Success on the Path to a Cure J. Modiano	The Evolving Science of Immunotherapeutics in Veterinary Oncology P. Bergman, C. Johannes 	Clinical Application of Immunotherapeutics in Veterinary Oncology P. Bergman, C. Johannes 
Research Abstracts*	232	Neurology	Neurology	Neurology
Research Abstracts*	231	SAIM-Immunology	SAIM-Hematology	SAIM-Hematology
Research Abstracts*	204	SAIM-Nutrition/Metabolism	SAIM-Nutrition/Metabolism	SAIM-Pharmacology
Research Abstracts*	210	SAIM-Gastroenterology	SAIM-Gastroenterology	SAIM-Gastroenterology
Research Abstracts*	239	SAIM-Nephrology/Urology	SAIM-Nephrology/Urology	SAIM-Nephrology/Urology
SAIM Comprehensive Review	Wabash 1-2	Diagnosis of Idiopathic Hypercalcemia: How Much Is Enough to Be Sure? D. Chew	Nutritional Management of Idiopathic Hypercalcemia V. Parker	Oral Alendronate in the Treatment of Idiopathic Hypercalcemia in Cats J. de Brito Galvao
VCRS (Small Animal)	Wabash 3	Making Friends With Your Pulmonary Pathologist: How Histopathology Can Help S. Jennings	Choosing Thoracic Imaging: Conundrums and Conclusions T. Oura	High Flow Oxygen Delivery/Heliox Therapy C. Guenther-Taylor, E. Rozanski
Liver Study Group	Sag 5	Hepatic Biopsy: The Acquisition K. Richter	Hepatic Biopsy: A Pathologist's Perspective J. Cullen	Hepatic Biopsy Interpretation: An Internist's Perspective S. Center
Research Abstracts*	212	Equine	Equine	Equine
Equine Comprehensive Review	235	Crosstalk Between Inflammation and Metabolism: The Hidden Link During Metabolic Dysregulation? V. Lacombe	PPID and Insulin Resistance in the Horse: Perhaps It's Not Just Obesity and Laminitis P. Morresey	CO ₂ Metabolism in Health and Disease in Horses M. Vengust
Equine Comprehensive Review	236	Quinidine Cardioversions: Lessons From 35 Years of Clinical Experience V. Reef	Equine Big Data - Yes We Can! M. Duz	Summary of the ECEIM Congress 2014 in Prague M. Duz
Research Abstracts*	201	Food Animal	Food Animal	Food Animal
ACVCP/AAVPT (FAIM)	Sag 6	Metabolics: The Future of Personalized Therapy R. Weinshilboum	Mastitis: Evidence-Based Treatment S. Wagner	Feeding the Global Population M. Davis
FAIM Research Reports/ Comprehensive Review	238	Characterization of the Pathogenicity and Shedding of Bovine Parainfluenza 3 Genotypes B. Newcomer Percutaneous Tube Cystostomy Using a Suprapubic Catheter for Treatment of Obstructive Urolithiasis in Goats K. Simpson	Optimizing Individual and Population Health in Cow-Calf Populations T. Drake	Using Health and Management Records to Optimize Animal Well-being and Profitability in Cow-Calf Operations T. Drake

VISIT EXHIBIT HALL




VISIT EXHIBIT HALL

SCIENTIFIC SESSIONS

* Research Abstracts have unique schedules. Refer to presentation schedule, pages 52-67.

Sag=Sagamore





SCIENTIFIC SESSIONS

	RM	2:10-3:00 pm	3:10-4:00 pm	4:25-5:15 pm	5:25-6:15 pm
Cardiology SOTA/Research Abstracts*	Sag 1-2	SOTA: Supraventricular Arrhythmias: Diagnosis and Classification A. Batra	SOTA: Supraventricular Arrhythmias: Treatment: Basics to Breakthroughs A. Batra	Cardiology	Cardiology
Research Abstracts*	232	Neurology	Neurology		
Neurology Comprehensive Review Research Reports	Sag 6	Highs and Lows of Medical Marijuana in the Treatment of Epilepsy M. Podell	A Simplified Method of Walking Track Analysis to Assess Locomotion in Dogs with Acute Spinal Cord Injury S. Moore Attempts to Breed Out Chiari-like Malformation: Is a Cross the Answer? C. Rusbridge	Cytogenic Alterations Define Tumor Subtypes and Key Pathways in Canine Primary Gliomas P. Dickinson Metronomic Chlorambucil Chemotherapy for Canine Gliomas: A Phase I/II Clinical Trial R. Bentley	Evaluation of Systemic MicroRNA Administration for Immunomodulation in the Treatment of Canine Glioma C. Boudreau Onscreen-Guided Brain Tumor Resection via Co-Registration of a Resection Device and Neuronavigation System R. Packer
Oncology Comprehensive Review	Sag 7	Cancer Acid Environment: Implications for Theranostic Approaches E. Spugnini	Electroporation in Oncology: Current Concepts E. Spugnini	Polyunsaturated Fatty Acids and Cancer: Frontiers for Cure and Control? G. Ogilvie	Hyperbaric Oxygen Therapy for the Veterinary Oncologist B. Hershey Hyperbaric Oxygen Therapy for the Veterinary Internist A. Turkell
Research Abstracts*	233	SAIM-Infectious Disease	SAIM-Infectious Disease	SAIM-Infectious Disease	SAIM-Infectious Disease
Research Abstracts*	234	SAIM-Endocrinology	SAIM-Endocrinology	SAIM-Endocrinology	SAIM-Endocrinology
Research Abstracts*	231	SAIM-Gastroenterology	SAIM-Gastroenterology	SAIM-Gastroenterology	SAIM-Gastroenterology
Research Abstracts*	210	SAIM-Other	SAIM-Other		
SAIM Comprehensive Review	Wabash 1-2	Update on Insulin Treatment for Dogs and Cats: Insulin Dosing Pens and More L. Fleeman, P. Lathan, A. Thompson	Subclinical to Mild Hyperthyroidism in Cats: Issues in Diagnosis and Treatment M. Peterson 	Classical, Pseudo, and Atypical Hypoadrenocorticism in the Dog: Diagnosis and Treatment R. Nichols 	Advances in Maximizing a Diabetic Remission J. Rand
AAVN/ACVN (SAIM)	Sag 5	Long Term Follow-up of Aged Cats Fed Different Sodium Content Diets B. Reynolds	Dog Digestive Sensitivity According to Size: A Summary of 16-year Research M. Weber	Oxidative Damage and Antioxidants: More Than Disease Prevention D. Mustacich 	Measuring Antioxidants and Oxidative Damage D. Mustacich
ACVCP/AAVPT	Wabash 3	Feline Drug Metabolism and Disposition: Differences Between Cats and Dogs and Other Species M. Court	Therapeutic Management of Gastrointestinal Diseases in Cats J. Gookin	Management of Feline Inflammatory Airway Diseases C. Reinero	Evidence-Based Treatment of Chronic Renal Diseases in Cats J. Quimby 
ASVCP	205	Discussion of Challenging Cases of Feline Hematology J. Harvey	Discussion of Challenging Cases of Canine Hematology J. Harvey	Diagnosis of Infectious Agents in Blood Films: Challenging Cases J. Johns	Diagnosis of Infectious Agents by Tissue Cytology: Challenging Cases J. Johns
ASVNU	204	Pharmacologic Considerations in Kidney Disease M. Papich	Managing Anemia in CKD C. Langston Urinary Bladder Eicosanoid Metabolism in Cats With FIC J. Kruger	Similarities and Differences in Urinary Tract Infections in Companion Animals and Humans J. Blondeau	Decision Making in Urinary Tract Infection and Bacteriuria S. Weese Asymptomatic E.coli Strains for Treatment of Recurrent UTI J. Westropp

VISIT EXHIBIT HALL

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Sag=Sagamore

	RM	2:10–3:00 pm	3:10–4:00 pm	4:25–5:15 pm	5:25–6:15 pm
AVHTM	206	Panel Discussion of How I Medically Manage ITP D. Bianco, D. LeVine, A. Mackin	Panel Discussion of Transfusion Management of ITP D. Bianco, D. LeVine, E. Rozanski	Panel Discussion of Transfusion Management of Trauma M. Holowaychuk, M. McMichael, L. DeLuca	Panel Discussion of Transfusion Management of Trauma M. Holowaychuk, M. McMichael, L. DeLuca
Research Abstracts*	212	Equine	Equine	Equine	Equine
Equine Comprehensive Review	235	Overview of Drug Compounding P. Dowling	Case Discussions: Compounding Errors M. Mallicotte, B. David	AVMA Task Force on Compounding/Pharmacy Regulations and USP Standards G. Magdesian USP Standards, Pharmacy Law and the DVM W. Gwin	Panel Discussion: Drug Compounding P. Dowling, G. Magdesian, M. Mallicotte, B. David, W. Gwin
Equine SOTA/ Comprehensive Review	236	SOTA: The Human Microbiome in the Context of Other Mammals R. Knight	SOTA: The Human Microbiome in the Context of Other Mammals R. Knight	Transfusion Medicine in Horses: What We Know, What We're Learning, What's to Come R. Nolen-Walston	
Research Abstracts*	239				Food Animal
FAIM Comprehensive Review	237	Tools for Monitoring Animal Health in Feedlot and Grower Operations C. Booker	Using Individual Animal Information in Decision-making for Feedlot Populations C. Booker	Uterine Diseases in Post-Partum Dairy Cattle B. Credille	Acute Puerperal Metritis: Risk Factors and Current Concepts on Prevention B. Credille
FAIM Comprehensive Review	238	Q Fever in Ruminants: An Animal and Human Health Issue R. Guatteo	Antimicrobial Use and Resistance From a European Perspective R. Guatteo	Petting Zoos: The Good, the Bad and the Biohazardous M. Anderson	Economic Impact of Schmallenberg Virus Infection in Swiss Dairy Herds M. Meylan
Business Management	202	Referral Relationships: Identifying Strengths and Weaknesses K. Gavzer 	Referral Relationships: Targeting Strengths and Weaknesses K. Gavzer 	Referral Relationships: Keeping Clients Happy K. Gavzer 	Referral Relationships: Maximizing Client Care K. Gavzer 

VISIT EXHIBIT HALL

SCIENTIFIC SESSIONS

* Research Abstracts have unique schedules. Refer to presentation schedule, pages 52-67.

VISIT THE EXHIBIT HALL!

Hall D

Learn about the latest products and technologies from top companies. Evaluate products and services firsthand. See page 69 for the exhibit hall map and page 70 for a list of exhibitors.

Hours:

Thursday, June 4 9:30 am–5:00 pm
 Friday, June 5 9:30 am–5:00 pm



Sag=Sagamore

	RM	8:00-8:50 am	9:00-9:50 am
Research Abstracts*	235	Cardiology	Cardiology
Neurology SOTA	Sag 6	SOTA: Novel Therapies in Epilepsy and Translation to Clinics D. Friedman	SOTA: Sudden Death in Epilepsy D. Friedman
Oncology SOTA	204	SOTA: Urogenital Cancer in People D. Petrylak	SOTA: Urogenital Cancer in People D. Petrylak
Research Abstracts*	234	SAIM-Hepatology	SAIM-Hepatology
Research Abstracts*	233	SAIM-Respiratory	SAIM-Nephrology/Urology
SAIM Comprehensive Review	Sag 5	Blastocystis in Companion Animals C. Ruaux	Histoplasmosis in the Dog and Cat A. Hanzlicek
SAIM Comprehensive Review	Sag 1	Rational Use of Antacid Therapy in the Dog and Cat S. Marks	Introduction to the Emerging Piprant Therapeutic Class of Prostanoid Receptor Antagonists K. Kirkby Shaw
SAIM Comprehensive Review	Sag 2	Thoracic Radiography vs. Computed Tomography: Optimizing Imaging for Respiratory Case Management C. Reinero	Update on Respiratory Therapeutics: Lessons From Human Medicine? L. Nafe
SAIM Comprehensive Review from Europe	Sag 3	Understanding Feline CKD: Pathogenesis and Progression R. Jepson	Understanding Feline CKD: Mineral and Bone Disorder R. Jepson
SAIM Research Reports	Sag 7	Treatment of Feline Hypersomatotropism-efficacy, Morbidity, and Mortality of Hypophysectomy P. Kenny Duration of Fasting but Not Diurnal Variation Affects the Response to Glucagon in Healthy Cats C. Gilor	A Feline-Specific Anti-NGF Antibody is Safe and Effective for the Alleviation of Inflammatory Pain in Cats D. Gearing Spike Gene Mutations in Feline Coronavirus and their Correlation to Feline Infectious Peritonitis C. Leutenegger
CAPC	201	Forecasting of Heartworm Prevalence and the Impact of Prevention D. Bowman	Forecasting of the Prevalence of Canine Tick-transmitted Diseases and the Impact of Parasite Control and Vaccination D. Bowman
ISCAID	211	FIP: Virology and Immunopathogenesis N. Pedersen	FIP: Diagnostics and Therapeutics N. Pedersen
Research Abstracts*	232	Equine	Equine
Equine Comprehensive Review	238	Equine Neuroaxonal Dystrophy: Genetic and Nutritional Factors C. Finno	Vitamin E Supplementation in Horses C. Finno
Equine Research Reports	237	Clinical and Necropsy Evaluation of Acute Lung Injury and Acute Respiratory Distress Syndrome in Neonatal Foals D. Bedenice Metabolic Responses to a Standardized Exercise Test in Arabian Horses with Exertional Rhabdomyolysis E. McKenzie	Longitudinal Effect of a Multi-Strain Probiotic on the Microbiota of Neonatal Foals A. Schoster Skeletal Muscle Gene Expression Profile in Type 1 Polysaccharide Storage Myopathy M. McCue
FAIM SOTA	239	SOTA: Perceptions and Realities of Organic Dairy Production: History and Issues for Today J. Velez	SOTA: Perceptions and Realities of Organic Dairy Production: Opportunities for the Future J. Velez

VISIT EXHIBIT HALL

SIGNATURE EVENTS

10:30-11:20 am

KEYNOTE ADDRESS

THE REAL JAMES HERRIOT WITH MR. JIM WIGHT

Author, Veterinarian



Sagamore 4

Sponsored by



11:30 am-1:30 pm

CONSENSUS STATEMENT DRAFTS

SMALL ANIMAL Sagamore 1

**Management of Seizure Disorders
Canine and Feline Blood Donor Screening for Infectious Disease Update**

LARGE ANIMAL Sagamore 2

**Equine Protozoal Myelitis (EPM) Update
Inflammatory Airway Disease Update**

Streptococcus equi Infection in Horses: Updated Guidelines for Treatment, Control and Prevention of Strangles

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Sag=Sagamore

SCIENTIFIC SESSIONS

	RM	2:10-3:00 pm	3:10-4:00 pm	4:25-5:15 pm	5:25-6:15 pm
Cardiology Comprehensive Review	Sag 1	Renocardiovascular Function: Beyond RAAS G. Culshaw	Cardiorenal Syndrome: A Multidisciplinary Approach J. Orvalho, L. Cowgill	Canine Cardiovascular Pathology P. Fox	Feline Cardiovascular Pathology P. Fox
Cardiology Research Reports	Sag 2	Effects of Canine Wharton's Jelly Mesenchymal Stem Cell Conditioned Media on Canine Valvular Interstitial Cells V. Yang Cardiac Biomarkers and Semi-Dominance in a Genetic Model of Feline Hypertrophic Cardiomyopathy J. Stern	Safety and Biocompatibility of the Mitrex® Epicardial Annuloplasty Device in a Chronic Model J. Solomon Echocardiographic Assessment of Left Atrial Size in Horses: Diameter or Area, Does It Matter? C. Schwarzwald	Evaluation of Point-of-Care Lung Ultrasound (VetBlue Protocol) for the Diagnosis of Cardiogenic Pulmonary Edema in Dogs and Cats with Acute Dyspnea T. DeFrancesco Use of NT-proBNP and cTnI Concentrations to Detect Heart Disease in Whippets R. Stepien	Stent Angioplasty for Treatment of Balloon Resistant Canine Valvular Pulmonic Stenosis S. Swift Online Survey to Assess Inter- and Intra-Observer Agreement on Echocardiographic Classification of Cardiomyopathy in Cats V. Luis Fuentes
Neurology Comprehensive Review	Sag 6	MRI of Intracranial Malformations in Dogs and Cats E. MacKillop	Peripheral Nerve Sheath Tumors J. Berg	Biomarkers in Veterinary Neurology C. Mariani	Translation of Next Generation Genomics Into Clinical Diagnosis D. O'Brien
Oncology Comprehensive Review	Sag 7	Personalized Chemotherapy for Canine Lymphomas: Are We There Yet? M. Childress 	Rescue Protocols for Canine Lymphoma J. Wypij	Role of Chemoimmunotherapy for Canine Lymphoma G. Ogilvie	Apheresis and Canine Bone Marrow Transplantation S. Suter
Oncology Research Reports	201	Antineoplastic Effects of Auranofin in Canine Lymphoma Cells D. Thamm Rebacfosadine and Prednisone: Efficacy of a Q21 Day Administration Schedule in Canine Lymphoma D. Thamm	Total Pelvic Irradiation with Simultaneous Boost in Canine Urinary Transitional Cell Carcinoma M. Dolera Hypo-Fractionated Stereotactic Brain-Sparing Irradiation of Stage IV Canine Nasal Tumors L. Malfassi	Investigation of the FOXM1 Transcriptional Pathway in Canine Lymphoma J. Wypij Tubulin-Modulating Effects of the Anthelmintic Mebendazole in Feline Cancer J. Wypij	Anti-CD20 Monoclonal Antibody Canine Lymphoma Therapy: A Double-Blind, Randomized, Placebo-Controlled Study G. Ogilvie Preclinical Comparison of Three Indenoquinolines Candidates in Tumor-Bearing Dogs A. LeBlanc
SAIM SOTA/ Research Reports	Sag 5	SOTA: Genomics and Genetics in Veterinary Medicine: An Overview M. Breen	SOTA: Genomics and Genetics: Cancer in the Domestic Dog: A Genome With Two Tales M. Breen	Evaluation of Weight Loss Over Time in Cats with Chronic Kidney Disease L. Freeman Proteinuria in Miniature Schnauzer Dogs With and Without Hypertriglyceridemia E. Furrow	Prevalence of Canine Infectious Respiratory Disease in Dogs in Chicago Outbreak N. Reine-Salz
SAIM Post-Graduate Course	Sag 3	Case-based Applications of Abdominal FAST (AFast) and Thoracic FAST (TFast) G. Lisciandro	The Gallbladder Halo Sign: More Than Anaphylaxis G. Lisciandro	Lung Ultrasound in Small Animals: The Vet BLUE G. Lisciandro	Global FAST Triad for Patient Monitoring and CPR G. Lisciandro
ASVCP	206	Advanced Diagnostics for Lymphoproliferative Diseases - Case Discussions D. Seelig	Classification of Lymphoproliferative Diseases - Case Discussions D. Seelig	Validation of Tissue Bank Specimens A. MacNeill	Histiocytic Neoplasms: Markers and Treatment Options A. MacNeill
ISCAID	211	Vaccines and Vaccinology M. Day	Vaccination Against Bordetella bronchiseptica in Dogs: A Critical Review of the Literature J. Ellis	Vaccination Against Canine Leptospirosis G. Moore	Parvoviruses in Cats, Dogs and Wildlife: Viruses and Vaccines C. Parrish

VISIT EXHIBIT HALL







	RM	2:10-3:00 pm	3:10-4:00 pm	4:25-5:15 pm	5:25-6:15 pm	
SCIENTIFIC SESSIONS	SCE	Wabash 2	Glucagon in Diabetes T. Hannon	Diabetic Ketoacidosis in Children T. Hannon	Feline Hyperaldosteronism H. Kooistra	Feline Thyroid Storm C. Ward
	VECCS	Sag 4	Recognizing and Managing Acute Kidney Injury M. Kerl	Complicated Feline Urinary Obstruction M. Kerl	Non-regenerative Anemias in Dogs A. Koenigshof	Approach to the Bleeding Patient A. Koenigshof
	Equine Comprehensive Review	238	The Gut Microbiota: Can We Predict and Prevent Gastrointestinal Disease S. Weese	Inflammatory Bowel Disease of the Horse B. Sykes	Nutritional Options for the Critically Ill Equine R. Hepburn	Fluid Therapy and the Equine Patient with Gastrointestinal Disease G. Hallowell, L. Pantaleon
	Equine Research Reports	237	Blood and CSF Alpha-tocopherol and Selenium Concentrations in Neonatal Foals with NAD C. Finno Transcranial Magnetic Motor Evoked Potential Latencies and Axon Loss in Equine Cervical Stenotic Myelopathy C. Alcott	Novel Determinant Confers Macrolide, Lincosamides, and Streptogramin B Resistance in Rhodococcus Equi S. Giguere Determining Optimal Sampling Site for Streptococcus equi Carriers Using a Loop-mediated Isothermal PCR Assay A. Boyle	Pro-resolution Mechanisms of Inflammation in Equine Recurrent Airway Obstruction: Tamoxifen as a New Therapeutic Option B. Uberti Impact of Prolonged Hyperinsulinaemia on Insulin Signaling Pathway in Equine Striated Muscle and Digital Lamellae V. Lacombe	Tissue Microdialysis Studies of Equine Lamellar Energy Metabolism and Microvascular Blood Flow C. Medina-Torres Incretins Potentiate the Insulin Response to Oral Glucose in Insulin-Resistant Ponies M. de Laat
	FAIM Comprehensive Review	239	Utilizing Population Data for Systematic Analysis of Health Interventions in Dairies G. Poppy	Objective Evaluation of Health Interventions in Dairy Populations G. Poppy	Key Considerations When Examining the Cost of Disease M. Overton	Quantification of the Cost of Disease via the Economic Assessment Tool M. Overton
	FAIM Research Reports	236	Pharmacokinetics of Extended Release Formulation of Eprinomectin in Adult Alpacas and Use in Alpacas with Mange D. Bedenice Development of a Zinc Implant-Based Model for Urolithiasis in Goats M. Jones	Efficacy of Different MLV Vaccines Administered to Calves Subsequently Challenged with BVDV or BVDV and BoHV-1 M. Chamorro Comparison of Johne's Disease Prevalence on Organic and Conventional Dairy Farms in Pennsylvania M. Fecteau	Clinical Trial Evaluating Metabolism of Colostral and Plasma Derived Immunoglobulin G in Jersey Bull Calves M. Chigerwe Plasma Lipidomic Profile in Cows During the Transition Period and in Cows with Fatty Liver C. Gerspach	Bayesian Estimation of the Accuracy of Clinical Examination and Ultrasonography for Diagnosing Calves Pneumonia S. Buczinski Milk Feeding Level and Housing Impact on Disease Incidence and Subsequent Productivity of Dairy Calves M. Prado
	Business Management	202	Developing a Successful Social Media Marketing Strategy E. Garcia	Developing a Reputation Management Strategy E. Garcia	How to Maximize the Value of ACVIM Specialists L. Pantaleon	Diagnostic Testing as a Tool to Enhance the Referral Relationship L. Dunn, S. Willis

VISIT EXHIBIT HALL



Sag=Sagamore

	RM	8:00-8:50 am	9:00-9:50 am	10:30-11:20 am	11:30 am-12:20 pm
Cardiology Comprehensive Review	Sag 1-2	Screening for Subaortic Stenosis in Boxers in Italy S. Crosara	An Update on Irish Wolfhound Cardiac Disease: The North American Experience W. Tyrrell	Anesthesia for the Cardiac Patient Undergoing Non-Cardiac Procedures K. Mama	Anesthesia for the Cardiac Patient Undergoing Surgical Attenuation of Their Disease K. Mama
Cardiology Research Reports	Wabash 2	Feline Hypersomatotropism is a Naturally Occurring, Reversible Cause of Myocardial Remodeling K. Borgeat Diagnostic Value of Right Pulmonary Artery Distensibility Index in Dogs with Pulmonary Hypertension L. Visser			
Neurology Research Reports	Sag 6	Canine Peripheral Nerve Sheath Tumors: MRI, Palliation, Surgery, and Stereotactic Radiotherapy M. Dolera Peripheral Glycemia in Dogs with Limb Thrombosis: A Prospective Study M. Dolera	Surgical Stabilization of Canine Lumbosacral Spine with Stop Screws and Iliac Wing Screws M. Dolera Frameless Stereotaxy for Vertebral Implant F. Wininger	PLA Bead Treatment of Refractory Epilepsy in Dogs R. Clemmons The Spectrum of Inherited Myopathies in Young Labrador Retrievers G. Shelton	Mutation in Laryngeal Paralysis/Polyneuropathy with Ocular Abnormalities and Spongiform Encephalopathy D. O'Brien Paroxysmal Non-kinesogenic Dyskinesia in Soft Coated Wheaten Terriers: Mutation and Response to Acetazolamide D. O'Brien
Oncology Clinical Workshop	Sag 7	Controversies in Oncology: Lymphoma Phenotyping and Staging C. Clifford, P. Bergman 	Controversies in Oncology: Mast Cell Tumor Panels C. Clifford, P. Bergman 	Controversies in Oncology: Metronomic Therapy C. Clifford, P. Bergman	Controversies in Oncology: Melanoma Vaccine C. Clifford, P. Bergman
Oncology Research Reports	Wabash 3	Combination Lm-LLO Immunotherapy Plus Radiation Delays Tumor Progression and Prolongs Survival in Osteosarcoma N. Mason Association Between Body Condition Score and Survival in Dogs with Lymphoma and Osteosarcoma C. Heinze			
ISCAID	211			10:00-11:00 am The New Canine Influenza Virus (H3N2): Identification and Characteristics E. Dubovi, K. Toohey-Kurth 	11:00 am-12:00 pm The New Canine Influenza Virus (H3N2): Clinical Disease and Epidemiology C. Crawford, L. Guptill 
SAIM Comprehensive Review	Sag 5	Metabolic Consequences of GI Dysbiosis and Inflammation J. Suchodolski	Protein-losing Enteropathies: Hypoalbuminemia Is Not Always Bad News M. Willard	Traditional/Non-traditional Therapies for IBD: Evidence-based Approach A. Jergens	Food Responsive Chronic Diarrhea: The View of the Internist and the Nutritionist V. Biourge, O. Dossin
SAIM Post-Graduate Course	Sag 4	Hospital Acquired Infections: Risk Factors and Pathogens D. Spann	Hospital Acquired Infections: Preventative Strategies D. Spann	Pets & Public Health: Conveying the Balance of Risks and Benefits M. Anderson	FIV: An Evidence-based Clinical Review of Naturally-Acquired Infection A. Litster
SAIM Clinical Workshop	Sag 3	Underlying Disease Screening in Dogs With Immune-Mediated Hemolytic Anemia L. Kidd	Perspectives on Immune-Mediated Disease J. Toll	Evidence Based Approach to Immune-Mediated Disease J. Toll	The Best Veterinary Immunology Papers of 2014 L. Kidd

BREAK

SCIENTIFIC SESSIONS

	RM	8:00-8:50 am	9:00-9:50 am		10:30-11:20 am	11:30 am-12:20 pm
SAIM Research Reports	204	Neutrophil Extracellular Trapp Formation is Increased in Dogs with Immune Mediated Hemolytic Anemia S. Smith Feline T. foetus Cytotoxicity can be Inhibited by Selective, Small-molecule Cysteine Protease Inhibitors K. Tolbert	Outcome Following Ureteral Stent Placement in Dogs for Benign Ureteral Obstructions: 44 Dogs (57 Ureters) 2009-2013 A. Berent Prognostic Value of SDMA to Creatinine Ratio in Dogs and Cats with Chronic Kidney Disease M. Yerramilli	BREAK	Epigenetics and CD8+ T Cell Dysfunction in an FIV Model J. Fogle Pharmacokinetics of Voriconazole in Healthy Cats P. Vishkautsan	Pain Management and End of Life Care: Results of a National, Cross-Sectional, Survey of Small Animal Owners R. Heuberger Discovery and Clinical Effectiveness of a Composition That Promotes Hair Growth (Patent Pending) H. Okawa
		CGS	231		Antiemetics: Pharmacology and Human Use E. Ehrenpreis How I Use Antiemetics on the Clinic Floor D. Twedt	Rational Selection and Use of Gastric Acid-Suppressants Medications K. Tolbert
VCRS	208	Pleuropneumonia: Approach to Prevention, Diagnosis and Treatment in Large Animals W. Gilsean, R. Nolen-Walston	Infectious Causes of Respiratory Distress: Calves, Crias, Foals, Kittens, Puppies and Adults D. Bedenice, E. Rozanski		Non-Infectious Causes of Respiratory Distress: Calves, Crias, Foals, Kittens, Puppies and Adults D. Bedenice, R. Nolen-Walston, E. Rozanski	Adult Food Animal Respiratory Case Studies W. Gilsean Vitamin D in Pulmonary Disease C. Sharp
Equine Comprehensive Review/Research Reports	108	Altered Plasma Cortisol Binding Dynamics During Critical Illness in Horses and Foals K. Hart	Use of Daily Diclazuril Pelleted Top Dress for the Prevention of Sarcocystis neurona Infection in Foals N. Pusterla The Effect of Oral and Intravenous Dextrose on C-Peptide Secretion in Ponies M. de Laat		The Prevalence of Large Intestinal Mucosal Pathology in Horses Being Euthanized for Non-gastrointestinal Reasons D. Knottenbelt Medical Alternatives to Conventional Cyclooxygenase Inhibitors for Treatment of Acute Foot Pain in Horses J. Foreman	Initial Characterization of the Tracheal Microbiomes in Healthy Horses and Horses with Heaves J. Montgomery
Equine Clinical Workshop	239	Serum Amyloid A: Revisiting its Clinical Application in Equine Practice B. Barr	How to Use L-Lactate Clinically: Which Measures are Useful in Which Case? P. Wilkins		Internal Medicine in the Mobile Practice J. Watson, L. Beard	Analgesia for Equine Visceral Pain C. Sanchez
FAIM Post-Graduate Course	238	Hyperketonemia in Early Lactation Dairy Cattle: Epidemiology J. McArt	Hyperketonemia in Early Lactation Dairy Cattle: Diagnostics and Treatment J. McArt		Update on Porcine Epidemic Diarrhea Virus in the U.S. D. Van Metre	The Veterinarians' Role in Managing Patients With Regulatory Concerns D. Van Metre
One Medicine	205	Spontaneous Animal Models: Unsung Heroes J. Modiano, D. Brown	The Healthcare Community's Role in Animal-Assisted Therapy L. Freeman, C. Olsen		Zoonotic Diseases: Learning From Yesterday, Planning for Tomorrow P. Conrad, M. Long	One Health Panel: Research Synergies Between Veterinarians and Physicians D. Thamm, R. Cianciolo, N. Moise
Business Management	202	Respectful Cat Handling vs. Cat Wrangling: From the Cat's Point of View M. Scherk	Respectful Cat Handling vs. Cat Wrangling: Putting Perspective Into Your Practice M. Scherk		Improving Client Compliance in the Feline Practice M. Scherk	Home Care and End of Life Issues M. Scherk
ACVIM Foundation Research Reports	206	Bartonellosis: A One Health Approach to an Emerging Infectious Disease E. Breitschwerdt	Aldosterone Deficiency: More Common Than You Think E. Behrend			



Sag=Sagamore

	RM	2:10-3:00 pm	3:10-4:00 pm	4:25-5:15 pm	5:25-6:15 pm
Cardiology Clinical Workshop	Sag 1-2	Can We Standardize Left Atrial Measurements? M. Rishniw	Heartworm Resistance to Macrocytic Lactones: Disaster, Myth or Wake-up Call? C. Atkins <i>zoetis</i>	Canine Heartworm Disease: What has Changed? C. Atkins <i>zoetis</i>	Feline Heartworm Disease: Basics to Breakthroughs C. Atkins <i>zoetis</i>
Neurology Comprehensive Review/Research Reports	Sag 6	Thoracolumbar IVDD in English Cocker Spaniels S. De Decker	Update on Disseminated Idiopathic Skeletal Hyperostosis in Dogs S. De Decker	Evaluation of Hemodynamics and Immunologic Changes in the Dog Brain After Experimental Intracerebral Hemorrhage B. Kang Serum Melatonin Levels in Normal Dogs and Dogs with Seizures S. Thomovsky	Paralyzed Pets and Ethical Considerations P. Kenny
Neurology Clinical Workshop	201	Clues From Appearance and Posture R. Bagley	The Importance of Step Distance and Sequence at Gait R. Bagley	Interpreting Exaggerated Movements S. Sanders	Interpreting Restricted Movements S. Sanders
Oncology Comprehensive Review	Sag 7	Through the Looking Glass: Research Partnership with Industry M. Lucroy	Paraneoplastic Syndromes J. Wypij	Novel Cancer Therapies: Year in Review D. Thamm <i>VETDC</i>	Nanotherapeutics in Veterinary Oncology S. Axiak-Bechtel
SAIM Comprehensive Review	204	Reassessment of Normal Values in Dogs and Cats with Chronic Kidney Disease G. Grauer	SDMA for Early Detection of Chronic Kidney Disease J. Hall	Inappetence in Feline CKD: Exploring Etiology and Treatment Options J. Quimby	Exploring Options for Recurrent UTI S. Vaden
SAIM Comprehensive Review	Sag 5	Pulmonary Thromboembolism: Risk Factors and Prevention J. Thomason	Hemolytic Blood Transfusion Reactions in Dogs: Recognition and Prevention M. Blais	BREAK	Flow Cytometry for the Internist O. Garden
SAIM Clinical Workshop	Sag 3	Thyroid Carcinoma: Diagnosis, Supportive Care and Definitive Treatment S. Axiak-Bechtel, A. Corrigan	APUDomas: Diagnosis, Supportive Care and Definitive Treatment S. Axiak-Bechtel, A. Corrigan		Feline Obesity: Causes, Consequences and Management J. Rand
SAIM Post-Graduate Course	Sag 4	Understanding the Adaptive Immune Response: Intracellular Pathogens J. Fogle	Understanding the Adaptive Immune Response: Extracellular Pathogens J. Fogle		T Regulatory Cells in Neoplasia, Autoimmunity, Inflammation, and Infectious Disease J. Fogle
VECCS	Wabash 1	Immune Mediated Hemolytic Anemia: Beyond Steroid Therapy L. Bacek	Recognition and Treatment of the Hypercoagulable Canine Patient L. Bacek	Revisiting Plasma Transfusions: Indications and Controversies Associated with Fresh Frozen Plasma A. Odunayo	Review of Top Five Transfusion Related Journal Articles in the Last Year A. Odunayo
Equine Post Graduate Course	239	Understanding Challenges with Detection and Control of Salmonella P. Morley	Diarrhea in Young Foals A. Whitehead	Current Topics in Neonatal Gastrointestinal Disease and Related Sonography C. Navas, J. Palmer	Neonatal Physiology and the Stressed Neonate J. Palmer
AAVN/ACVN (FAIM)	237	Impact, Monitoring, and Management of Hyperketonemia in Transition Dairy Cows D. Nydam	Dry-Cow Energy: Effects on Muscle and Fat in Peripartum Dairy Cattle S. Mann	Nutrition, Growth and Health in Milk-fed Dairy Calves J. Drackley	Management Around Weaning: The Other Transition Period J. Drackley
FAIM Clinical Workshop	238	When Treating Down Cows Becomes an Opportunity G. Fecteau	Complete Orthopedic Examination of Down Cows: Diagnosis and Prognostication A. Desrochers	Best Papers in Livestock Health A. Woolums, P. Morley	Best Papers in Livestock Health A. Woolums, P. Morley

SCIENTIFIC SESSIONS