

ACVIM^{FORUM} 2018

EVENT PROGRAM GUIDE

Seattle, Washington
Washington State Convention Center
Specialty Symposium | **June 13**
ACVIM Forum | **June 14-16**
Solutions Center | **June 14-15**



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Science + BEYOND.

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American College of Veterinary Internal Medicine

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Turn on appetite

Finally, appetite stimulation is in your control

ENTYCE[®] (capromorelin oral solution) is the only **FDA-approved** veterinary therapeutic designed to safely and effectively stimulate appetite in dogs.

Visit Booth #207

Join Aratana for this complimentary breakfast session

FRIDAY JUNE 15, 2018

SHERATON GRAND BALLROOM A

**6:30 –
8:00 AM**

Causes, Cases & Management of Inappetence: Therapeutic Options

Joe Bartges, DVM, PhD, DACVIM (SAIM), DACVN
Professor of Medicine and Nutrition University of Georgia



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IMPORTANT SAFETY INFORMATION: ENTYCE[®] (capromorelin oral solution) is for use in dogs only. Do not use in breeding, pregnant or lactating dogs. Use with caution in dogs with hepatic dysfunction or renal insufficiency. Adverse reactions in dogs may include diarrhea, vomiting, polydipsia, and hypersalivation. Should not be used in dogs that have a hypersensitivity to capromorelin. Please see the full Prescribing Information for more detail. A copy of the full Prescribing Information is available at the Aratana booth (#207).

11400 Tomahawk Creek Parkway Suite 340 Leawood, KS 66211

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AT-0275

Dear Colleagues,

On behalf of the ACVIM Board of Regents, the members of the ACVIM Forum Program Committee and the ACVIM staff, we would like to welcome you to the 2018 ACVIM Forum!

The ACVIM Forum is the premiere event for professional growth for those interested in veterinary internal medicine. This year more than 3,300 attendees from all over the world are expected including; board-certified veterinary specialists, veterinarians with an interest in veterinary internal medicine, specialty candidates, veterinary interns, graduate students, professional students and veterinary technicians.



Be sure to take advantage of this year's program including:

- The Specialty Symposium and Reception on Wednesday, June 13 (access limited to ACVIM diplomates, ACVIM candidates, and invited guests).
- A full selection of scientific and interactive sessions for veterinarians, veterinary researchers and veterinary technicians with more than 475 sessions available!
- The Keynote Presentation 'Learning and Teaching: Lessons from the Cognitive Neurosciences' on Thursday, June 14 by best-selling author and leading expert in neuroscience, Dr. John Medina.
- More than 250 Research abstract oral presentations, plus the new ePosters featuring more than 165 digital posters available, before, during and after the Forum.
- Opportunities to network with your colleagues during the Wine and Cheese Happy Hour, Colleagues and Cocktails, luncheons and educational sessions.
- A bustling Solutions Center (exhibit hall) where you can meet our industry partners, learn about new or familiar products, get hands-on experience with the latest medical devices and discover exciting new experiences offered within the Center for 2018!

Whether it's your first time at the ACVIM Forum or you have been a regular attendee, you can look forward to a quality educational experience over the next few days. Please enjoy time well spent with new and old friends. Thank you for being part of the 2018 ACVIM Forum!

Jana Gordon, DVM, DACVIM (SAIM)
2018 ACVIM Forum Program Chair

THANK YOU to the members of the 2018 ACVIM Forum Program Committee

Dr. Jana Gordon

Small Animal Internal Medicine
Chair

Dr. Harold McKenzie

Large Animal Internal Medicine
Assistant Chair

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Assistant Chair: Dr. Jessica Ward

Large Animal Internal Medicine - Equine Subcommittee

Chair: Dr. Maureen Long
Assistant Chair: Dr. Luis Arroyo Castro

Large Animal Internal Medicine - Food Animal Subcommittee

Chair: Dr. Elisabeth Patton
Assistant Chair: Dr. Robert Callan

Neurology Subcommittee

Chair: Dr. Jessica Barker
Assistant Chair: Dr. Sofia Cerda-Gonzalez

Oncology Subcommittee

Chair: Dr. Kerry Risetto
Assistant Chair: Dr. Jonathan Lidbury

Small Animal Internal Medicine Subcommittee

Chair: Dr. Tracy Hill
Assistant Chair: Dr. Jonathan Lidbury

Specialty Symposium | June 13
ACVIM Forum | June 14-16
Solutions Center | June 14-15



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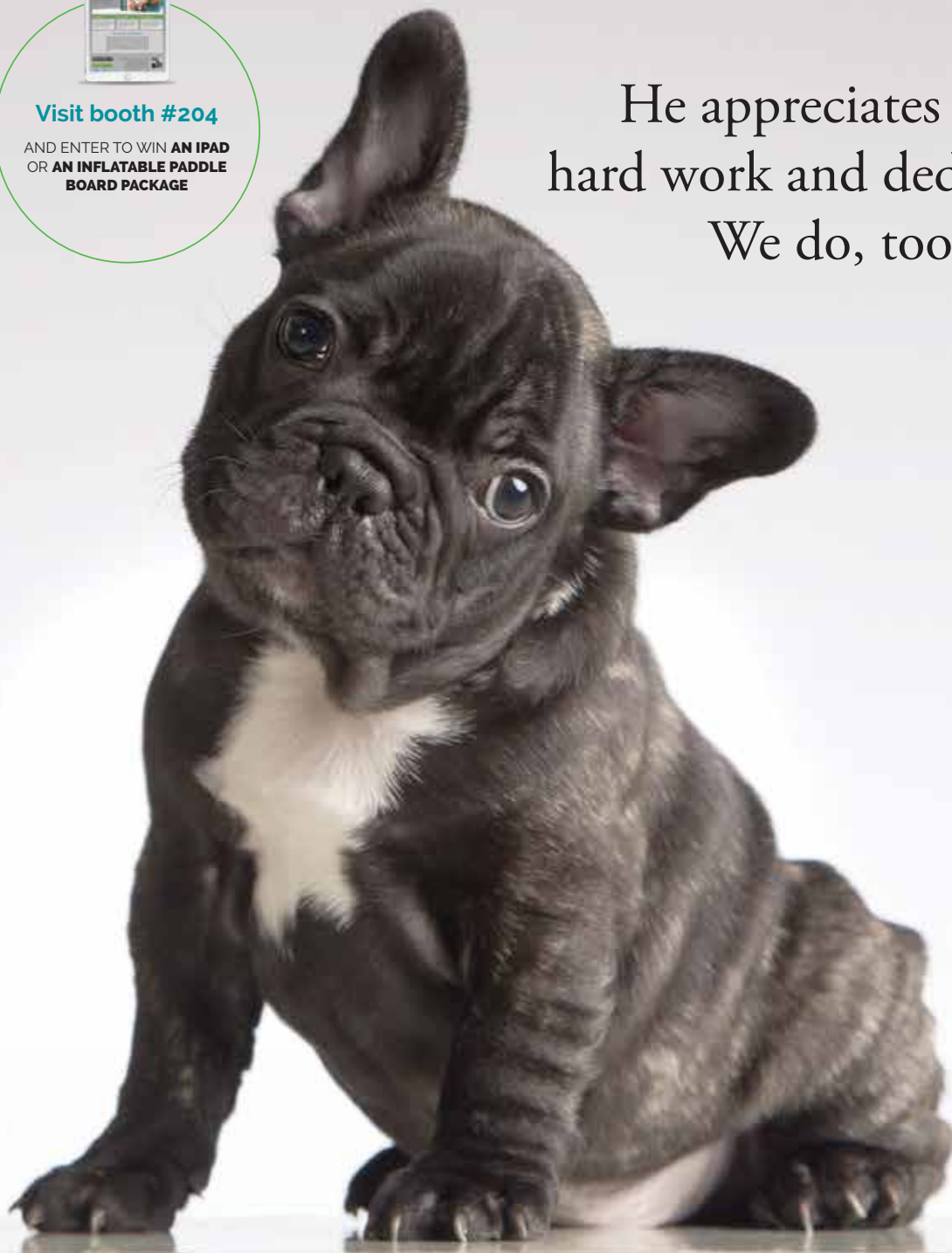
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TUESDAY, JUNE 12

Time	Event	Location
7:00 am–11:00 pm	Other Organization Meetings & Events	See page 34
8:00 am–12:00 pm	 ACVIM Board of Regents Meeting	Sheraton Willow
8:30 am–5:15 pm	 General Exam <i>Breaks and Lunch Sponsored by Blue Pearl</i>	Sheraton Grand Ballroom B
1:00–5:00 pm	 JVIM Editorial Board Meeting	Sheraton Juniper
2:00–7:00 pm	Registration	WSCC Atrium Lobby - 4th Floor
2:00–7:00 pm	Speaker Headquarters	WSCC 605/610
2:30–4:00 pm	 Forum Program Committee Meeting (Specialty Subcommittees)	Sheraton Richmond Boardroom
4:00–5:30 pm	 Marketing and Communications Committee (MCC) Meeting	Sheraton Richmond Boardroom
6:00–7:30 pm	  Candidate Appreciation Reception <i>Sponsored by National Veterinary Associates</i>	OFFSITE - The Pike Brewing Company
7:30–9:30 pm	 LAIM Residency Training & Credentials Committee (RTCC) Business Meeting	Sheraton Juniper
7:30–9:30 pm	 SAIM Residency Training Committee (RTC) Business Meeting	Sheraton Richmond Boardroom

WEDNESDAY, JUNE 13

Time	Event	Location
6:30–7:50 am	 Advanced Continuing Education (ACE) Committee Meeting	Sheraton Greenwood
6:30–7:50 am	 International Relations Committee (IRC) Meeting	Sheraton Kirkland
7:00 am–7:00 pm	Registration	WSCC Atrium Lobby - 4th Floor
7:00 am–7:00 pm	Speaker Headquarters	WSCC 605/610
7:00 am–7:00 pm	Candidate Lounge <i>Sponsored by BlackwellKing</i>	WSCC 401
7:00 am–7:00 pm	Specialists Lounge <i>Sponsored by VCA</i>	WSCC 4C-1
7:15 am–9:00 pm	Other Organization Meetings & Events	See page 35
7:30 am–4:30 pm	Technology Zone <i>Powered by VIN</i> <i>(Available other times throughout the conference unmanned)</i>	WSCC 6th Floor Lobby
8:00 am–5:30 pm	 Specialty Symposia <i>(Sessions, Breaks, Lunches, Business Meetings, Candidate Functions, Diplomate Certificate Ceremonies)</i>	See pages 36–39
12:00–1:30 pm	 SAIM Residency (RTC) and Credentials (CC) Informational Meeting	WSCC 201
1:00–4:35 pm	 Technician Case Reports <i>Sponsored by Hill's Pet Nutrition</i>	See page 40
2:00–3:00 pm	Friends of Dr. Bob and Bill W. Meeting	WSCC 304
5:00–6:30 pm	 Specialty Symposium Reception	WSCC Ballroom 6E
5:15–7:30 pm	 LAIM Case Report Alternative Committee	WSCC 306
7:15–10:30 pm	 Oncology Specialty Dinner and Diplomate Certificate Ceremony <i>Sponsored by Best Pet Rx</i>	OFFSITE - The Palace Ballroom
7:15–11:00 pm	  Large Animal Internal Medicine Specialty Reception <i>Sponsored by Boehringer Ingelheim Animal Health</i>	OFFSITE - By invitation only

THURSDAY, JUNE 14

Time		Event	Location
6:30-8:00 am		ACVIM Education and Research Committee (ERC) Meeting	Sheraton Kirkland
6:30-8:00 am		SAIM Credentials Committee Meeting	Sheraton Greenwood
6:30-7:30 am		NEW! ACVIM Fun Run / Walk 5k (Check-in: 6:00-6:20 am) SOLD OUT	<i>Sponsored by BlackwellKing</i> WSCC Lower Lobby
6:30-7:45 am		LAIM Resident Chat Breakfast	WSCC 304
6:30 am-9:00 pm		Interactive Sessions	See pages 48-49
7:00 am-7:00 pm		Registration	WSCC Atrium Lobby - 4th Floor
7:00 am-7:00 pm		Speaker Headquarters	WSCC 605/610
7:00 am-7:00 pm		Candidate Lounge	<i>Sponsored by BlackwellKing</i> WSCC 401
7:00 am-7:00 pm		Specialists Lounge	<i>Sponsored by VCA</i> WSCC 4C-1
7:30 am-4:30 pm		Technology Zone (Available other times throughout the conference unmanned)	<i>Powered by VIN</i> WSCC 6th Floor Lobby
8:15-9:30 am		Keynote Address (Dr. John Medina)	<i>Sponsored by Hill's Pet Nutrition</i> WSCC Ballroom 6E
9:30-10:10 am		Beverage Break	WSCC Halls AB
9:30 am-4:05 pm	 	ePoster Q&A Sessions	See pages 55-59
9:30 am-4:30 pm		Solutions Center (Visit with exhibitors, attend ePoster Q&A sessions and much more!)	WSCC Halls AB
10:10 am-6:00 pm		Research Abstracts	See pages 50-54
10:10 am-6:00 pm		Scientific Sessions	See pages 45-47
10:10 am-9:00 pm		Technician Program	See page 48
12:15-1:30 pm		Other Organization Meetings & Events	See page 43
12:15-1:30 pm		Achieving Board Certification Informational Lunch	WSCC 204
12:15-1:30 pm		LAIM Executive Committee Meeting	WSCC 209
2:00-3:00 pm		Friends of Dr. Bob and Bill W. Meeting	WSCC 304
3:30-4:10 pm		Beverage Break	WSCC Halls AB
4:30-5:30 pm		Student Reception	Sheraton
5:45-7:00 pm		Solutions Center (Visit with exhibitors, attend ePoster Q&A sessions and much more!)	WSCC Halls AB
5:45-7:00 pm		Wine and Cheese Happy Hour	<i>Sponsored by Purina and ACVIM</i> WSCC Halls AB
7:30-10:00 pm	 	Cardiology Specialty Dinner	<i>Sponsored by IDEXX and ACVIM</i> OFFSITE - The Columbia Tower Club









WSCC = Washington State Convention Center

 Additional Fees May Be Required
  Pre-Registration Required
  By Invite Only
  Veterinary Technician

 ePosters Q&A Sessions - Unique Schedules May Apply

 Research Abstract Oral Presentation - Unique Schedules May Apply

FRIDAY, JUNE 15

Time	Event	Location
6:30-7:50 am	 Forum Program Committee Meeting (AASIGs)	Sheraton Greenwood
6:30 am-9:00 pm	 Interactive Sessions	See pages 66-67
7:00 am-7:00 pm	Registration	WSCC Atrium Lobby - 4th Floor
7:00 am-7:00 pm	Speaker Headquarters	WSCC 605/610
7:00 am-7:00 pm	Candidate Lounge <i>Sponsored by BlackwellKing</i>	WSCC 401
7:00 am-7:00 pm	Specialists Lounge <i>Sponsored by VCA</i>	WSCC 4C-1
7:30 am-4:30 pm	Technology Zone <i>Powered by VIN</i> (Available other times throughout the conference unmanned)	WSCC 6th Floor Lobby
8:00 am-6:00 pm	Scientific Sessions	See pages 62-65
8:00 am-6:00 pm	 Technician Program	See page 66
8:00 am-6:15 pm	 Research Abstracts	See pages 68-71
9:30 am-4:30 pm	Solutions Center (Visit with exhibitors, attend ePoster Q&A sessions and much more!)	WSCC Halls AB
9:50-10:20 am	Beverage Break	WSCC Halls AB
9:50 am-4:05 pm	  ePoster Q&A Sessions	See pages 72-75
11:00 am-10:00 pm	Other Organization Meetings & Events	See pages 61
12:15-1:30 pm	 ACVIM Membership Luncheon and Awards Ceremony	WSCC Ballroom 6E
2:00-3:00 pm	Friends of Dr. Bob and Bill W. Meeting	WSCC 304
3:30-4:10 pm	Beverage Break	WSCC Halls AB
6:00-7:30 pm	Colleagues & Cocktails	Sheraton Grand Ballroom
7:00-11:00 pm	 Neurology Specialty Reception <i>Sponsored by AnimalScan</i>	OFFSITE - The Brave Horse Tavern

SATURDAY, JUNE 16

Time	Event	Location
6:30-7:50 am	Other Organization Meetings & Events	See page 77
7:00 am-12:00 pm	Registration	WSCC Atrium Lobby - 4th Floor
7:00 am-12:00 pm	Speaker Headquarters	WSCC 605/610
7:00 am-12:00 pm	Candidate Lounge <i>Sponsored by BlackwellKing</i>	WSCC 401
7:00 am-5:00 pm	Specialists Lounge <i>Sponsored by VCA</i>	WSCC 4C-1
7:00-9:30 am	 ACVIM Board of Regents Meeting	WSCC 208
7:30 am-12:00 pm	Publisher Tables <i>Provided by Elsevier and EDRA Spa</i>	WSCC 6th Floor Lobby
7:30-11:15 am	Technology Zone <i>Powered by VIN</i> (Available other times throughout the conference unmanned)	WSCC 6th Floor Lobby
8:00 am-12:00 pm	Scientific Sessions	See pages 78-79
8:00 am-12:00 pm	 Technician Program	See page 80
8:00 am-12:00 pm	Interactive Session	See page 80

DOWNLOAD THE 2018 ACVIM FORUM MOBILE APP

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DOWNLOAD AND ACCESS THE APP

Search for ACVIM in the Apple App Store or Google Play Store. Install and open the app then 'search' for "2018 ACVIM Forum."



WITH THE APP, YOU CAN

- ✓ Create your personal "My Schedule"
- ✓ Locate Exhibitors
- ✓ Find session locations and events
- ✓ Post and see social media updates
- ✓ Download Conference notes and presentations
- ✓ Complete session and conference surveys
- ✓ Post questions for speakers and much more!

LOG IN TO EXPERIENCE ALL OF THE APP'S FEATURES!

For *new users*, create your account using event code: **FORUM0613**. This will allow you to create an account directly in the app. For *existing users*, log in to your account with your username (email) and password (access key) to begin using the app.

HAVING TROUBLE LOGGING IN?

Stop by one of the Technology Zones located on Level 6 of the convention center and in the Solutions Center at booth 127 for assistance from our helper, Wallace.



COMPLIMENTARY WI-FI

BROUGHT TO YOU BY VIN

Network: **ACVIM**
Password: **Forum2018**

ACVIM FORUM 2018 SPONSORS

The ACVIM Forum is possible because of the generous support of these industry partners.

GOLD



A special thanks to VIN for their support of the Mobile App, Technology Zones and Wi-Fi.

SILVER



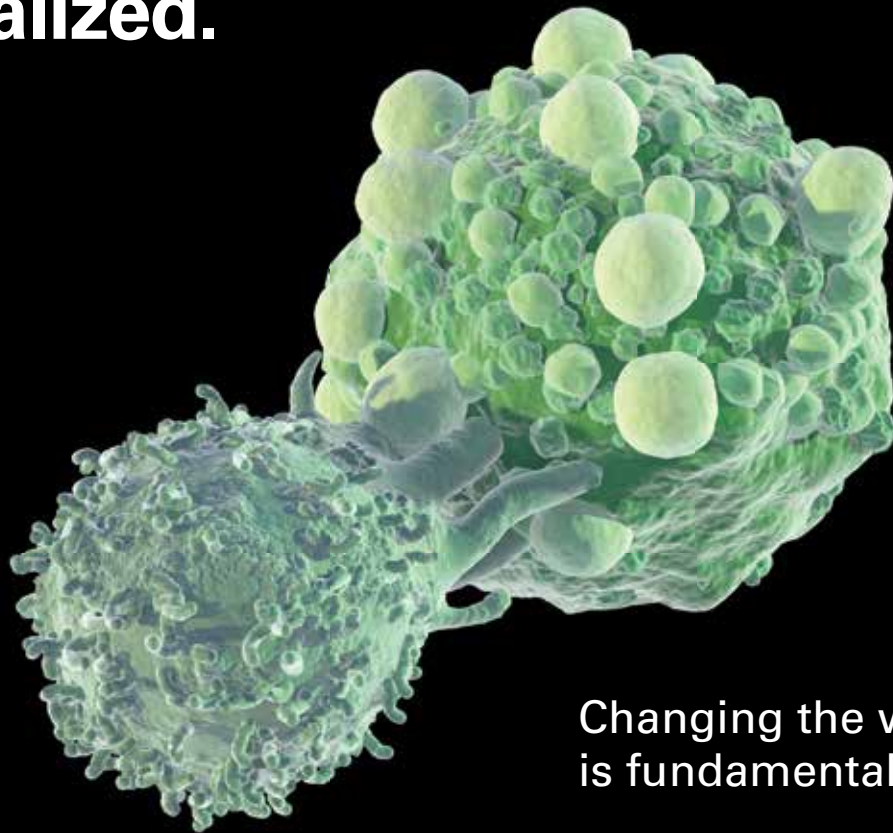
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2018 ACVIM Conference

Don't Miss Out

Learn more about adoptive T cell immunotherapy
in canine osteosarcoma clinical trials from
Brian K. Flesner, DVM, MS, DACVIM-Oncology
on Thursday, June 14 at 12:15pm
in the Knowledge Corner.

Visit booth 422 to learn more about
our Canine Oncology Studies.



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SPECIAL THANKS

Departing Interim CEO

Dr. Beatrice Meyer

Thank you to all of our ACVIM volunteers!

METROPOLITAN VETERINARY ASSOCIATES

SEEKING FLEXIBLE, DEDICATED SPECIALISTS IN CARDIOLOGY AND NEUROLOGY

VISIT US AT BOOTH #626



LOCATIONS

All events will be held at the Washington State Convention Center (WSCC) or the Sheraton Hotel, unless otherwise indicated.

REGISTRATION DESK HOURS

The Registration Desk is located on the 4th Floor of the Washington State Convention Center.

Hours

Tuesday, June 12	2:00-7:00 pm
Wednesday, June 13	7:00 am-7:00 pm
Thursday, June 14	7:00 am-7:00 pm
Friday, June 15	7:00 am-7:00 pm
Saturday, June 16	7:00 am-12:00 pm

FREE WI-FI ACCESS

Provided by  

Stay connected with Wi-Fi access in all of the ACVIM Forum public areas at the Washington State Convention Center. Connect to the ACVIM network and login as follows:

Network: ACVIM

Password: Forum2018

Log in information is case specific and also can be found on the reverse side of your badge.



VIDEO RECORDING

Added value for attendees! Many sessions will be video recorded for on-demand access following the ACVIM Forum. As an ACVIM Forum attendee, you will receive access to the recordings available based on your registered days of attendance. Plan your time by making note of icons identifying recorded sessions throughout the program. Instructions for accessing content will be sent to all attendees via email following the conference.

 Indicates Video Recording

PRE-REGISTRATION AND ADDITIONAL FEES

Throughout the ACVIM Forum, there are events or sessions which may require pre-registration, additional fees or both to attend. To identify these sessions, look for these icons throughout the event program.

-  Additional Fees May Be Required
-  Pre-Registration Required

PHOTO DISCLOSURE

ACVIM intends to take photographs and video of this event for use in ACVIM news and promotional materials, in print, electronic and other media, including the website. By participating in this event, you grant ACVIM the right to use any image, photograph, voice, or likeness without limitation, in its promotional materials and publicity efforts without compensation. All media becomes the property of ACVIM. Media may be displayed, distributed or used by ACVIM for any purpose.

MOBILE APP *Powered by*

The mobile app is your all-in-one interactive event guide. Use this helpful tool to search CE offerings, create a custom schedule, download notes, rate sessions, search for events, locate exhibitors, map information, access our new digital job boards, and so much more.

Search for ACVIM in your app store. Install and open the app, then 'search' for "2018 ACVIM Forum".

See page 11 for more information.



TECHNOLOGY ZONES

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Stay connected while away from the office by visiting one of the Technology Zone locations at the Washington State Convention Center. Tweet and post on Facebook all of the happenings at this year's ACVIM Forum, check email, print your boarding pass, access proceedings, or just sit back and relax while recharging your device. Located on Level 6 and in the Solutions Center at booth 127 inside the Poster Park. While there, be sure to take your picture at our selfie station and use hashtag #ACVIMForum for a chance to win a prize!

PROCEEDINGS

As a conference participant, you have access to the proceedings. Proceedings are available in the following locations:

- VIN website
- Technology Zones
- Mobile app

VIN will be at the Technology Zones, located on Level 6 and in the Solutions Center (exhibit hall) at booth 127, to provide assistance as needed. All on-site registrants should stop by one of these locations to confirm access to these proceedings.

PRODUCT SHOWCASE

Check out the 2018 ACVIM Forum Product Showcase located on Level 6 and see some of the latest and most innovative products in the veterinary industry. Industry partners showcase their best and newest product ideas in one place for optimal viewing. Stop by and learn more and follow up with them in person at their booth in the Solutions Center.

Featured partners include:

Blue Buffalo	Booth 216
BodeVet, Inc.	Booth 324
Dechra Veterinary Products	Booth 611
Elanco Companion Animal Health	Booth 201
Entegron, Inc.	Booth 125
Karl Storz Veterinary Endoscopy America, Inc.	Booth 602
Purina	Booth 601

SHARE YOUR FEEDBACK WITH US!

Help us improve your ACVIM Forum experience by completing session surveys (through the mobile app) and the post-conference survey (post conference email) for a chance to win one of ten (10) \$100 VISA Gift Cards!

ADDITIONAL INFORMATION

For information about transportation options, parking, and additional conference information, please access the mobile app.

CONTINUING EDUCATION CREDIT**Veterinarians**

Earn up to 41.5 Continuing Education (CE) hours in just four days by attending the Wednesday-Saturday program sessions and 33.5 for the Thursday-Saturday program only, without Wednesday attendance.

Technicians

Earn up to 30.5 hours of high caliber Continuing Education (CE) with tracks designed just for you.

ATTENTION Texas-Licensed Veterinarians

The 2018 ACVIM Forum meets the requirements of the Texas Veterinary Licensing Act mandated by the 79th Legislature and adopted by the Texas Board of Veterinary Medical Examiners relating to verifying continuing education credit for Texas-licensed veterinarians.

ATTENTION New York-based Veterinarians and Technicians

The 2018 ACVIM Forum meets the requirements for continuing education from the New York State Board of Veterinary Medicine.

RACE Approved

This program 572-32824 is approved by the AAVSB RACE to offer a total of 319.00 CE Credits (41.50 max) being available to any one veterinarian and/or 294.00 Veterinary Technician CE Credits (30.50 max).



This RACE approval is for the subject matter categories of:

- Category One: Scientific
- Category Two: Non-Scientific-Clinical
- Category Three: Non-Scientific-Practice
 - Management/Professional
 - Development using the delivery method of Seminar/Lecture

This approval is valid in jurisdictions which recognize AAVSB RACE; however, participants are responsible for ascertaining each board's CE requirements. RACE does not "accredit" or "endorse" or "certify" any program or person, nor does RACE approval validate the content of the program.

LET'S GET SOCIAL!

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FORUM
2018

Stop by one of the Technology Zones located on Level 6 and in the Solutions Center (Booth 127) and engage with us on social media for a chance to win a prize.

Your safety is our first concern at the ACVIM Forum. Although no emergency situation is anticipated, you should be aware of the following safety systems and procedures. If you feel threatened at any time while at this event, call building security (WSCC: 206-694-5127/ Seattle Sheraton: x3333 from any house phone) or contact local police if outside these facilities by dialing 911.

EMERGENCY PROCEDURES

SHERATON SEATTLE

In case of an emergency dial x3333 on any house phone. Follow hotel instructions and noted exits in case of an evacuation. Following the hotel emergency procedures will minimize response time.

WASHINGTON STATE CONVENTION CENTER

Medical Emergencies

If a medical emergency occurs while you are at the Washington State Convention Center Conference Center, please contact the WSCC Security Control Office immediately.

There are four ways to contact WSCC Security Control:

- › Dial x5127 from any house phone located in the facility
- › Dial (206) 694-5127 from any phone
- › Pick up any red “hot line” phone located near elevator lobbies - this phone will dial directly to WSCC Security Control
- › Ask any uniformed WSCC employee to assist you. WSCC requests that guests NOT contact 911 directly when possible.

Contacting WSCC Security Control will greatly minimize the response time of emergency response units in the event that they need to be dispatched to the Convention Center. WSCC Security Officers can lead emergency response units directly to the individual in need. If a medical emergency occurs OFF the WSCC premises, call 911.

AED Machines

AED Machines are placed at various locations throughout the facility. Your Event Manager can provide you with a list of these exact locations.

Fire Alarms / Evacuation

On occasion, fire alarms will sound during events at the Convention Center. If you are in an affected area at the sound of a fire alarm, please vacate the space to a non-affected area in the nearby vicinity. Full building evacuations are rare at WSCC. In the case of an evacuation, the decision to evacuate will be made by WSCC Supervisors and Managers. At that time, a facility-wide announcement will be made and WSCC Staff will direct all guests to the nearest and safest exit.

TRAVEL TIPS

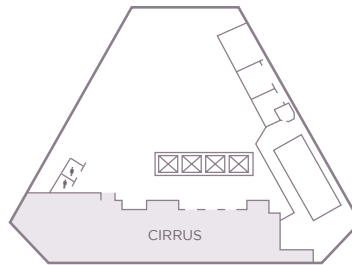
When Out and About

- › Remove your conference badge; don't draw attention to yourself and the fact that you're a tourist.
- › Safety in numbers: Grab a friend or colleague while exploring the city.
- › Walk in well-lit areas; Use main streets and avoid shortcuts through alleys.
- › If alone after dark, use a ride service such as Lyft, Uber or a cab.
- › Be conscious of your belongings. Keep personal/valuable items in your hotel safe or close at hand.
- › Keep the address and phone number of where you're staying in your phone in case you find yourself turned around.
- › Be aware of your surroundings. Keep your eyes up and not on your phone.
- › Pay attention to your instincts; if something doesn't feel right, you can always walk into a business/hotel for help.
- › Walk with purpose and project an assertive and business-like image. Criminals will be discouraged if you do not appear vulnerable or easily intimidated.
- › Pickpockets are often attracted to crowded places. They often work in teams of two or three; one may create a distraction while the other one lifts your wallet. Be aware of someone who bumps, shoves or gets too close.
- › Learn to carry your purse or wallet safely. Purses should be closed, held in front of your body, with your arm across it. Wallets should be carried in a front pants pocket or in an interior jacket pocket.

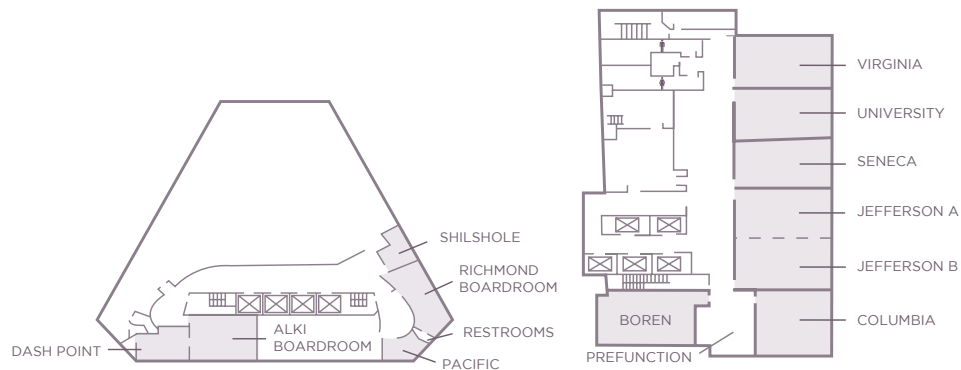


SHERATON SEATTLE HOTEL

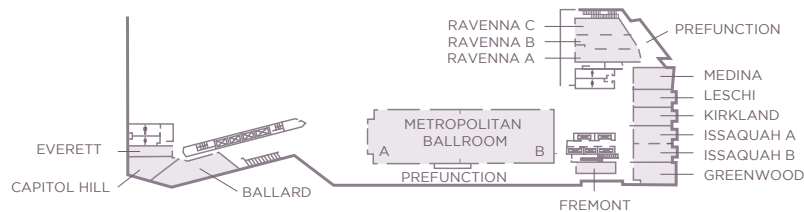
Meeting Rooms



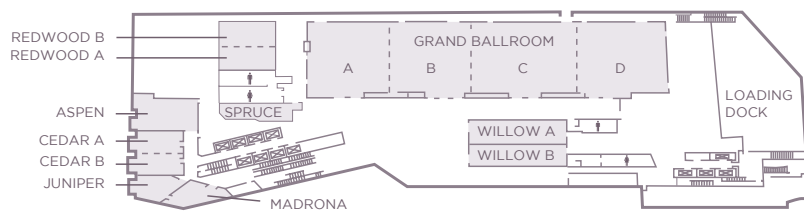
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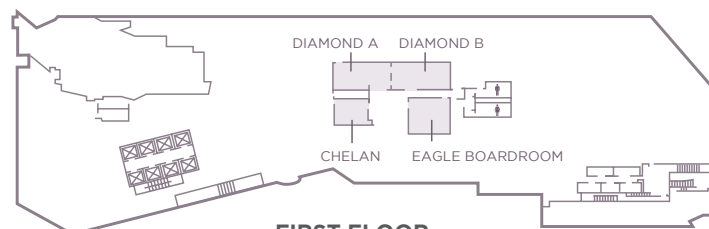
FOURTH FLOOR



THIRD FLOOR












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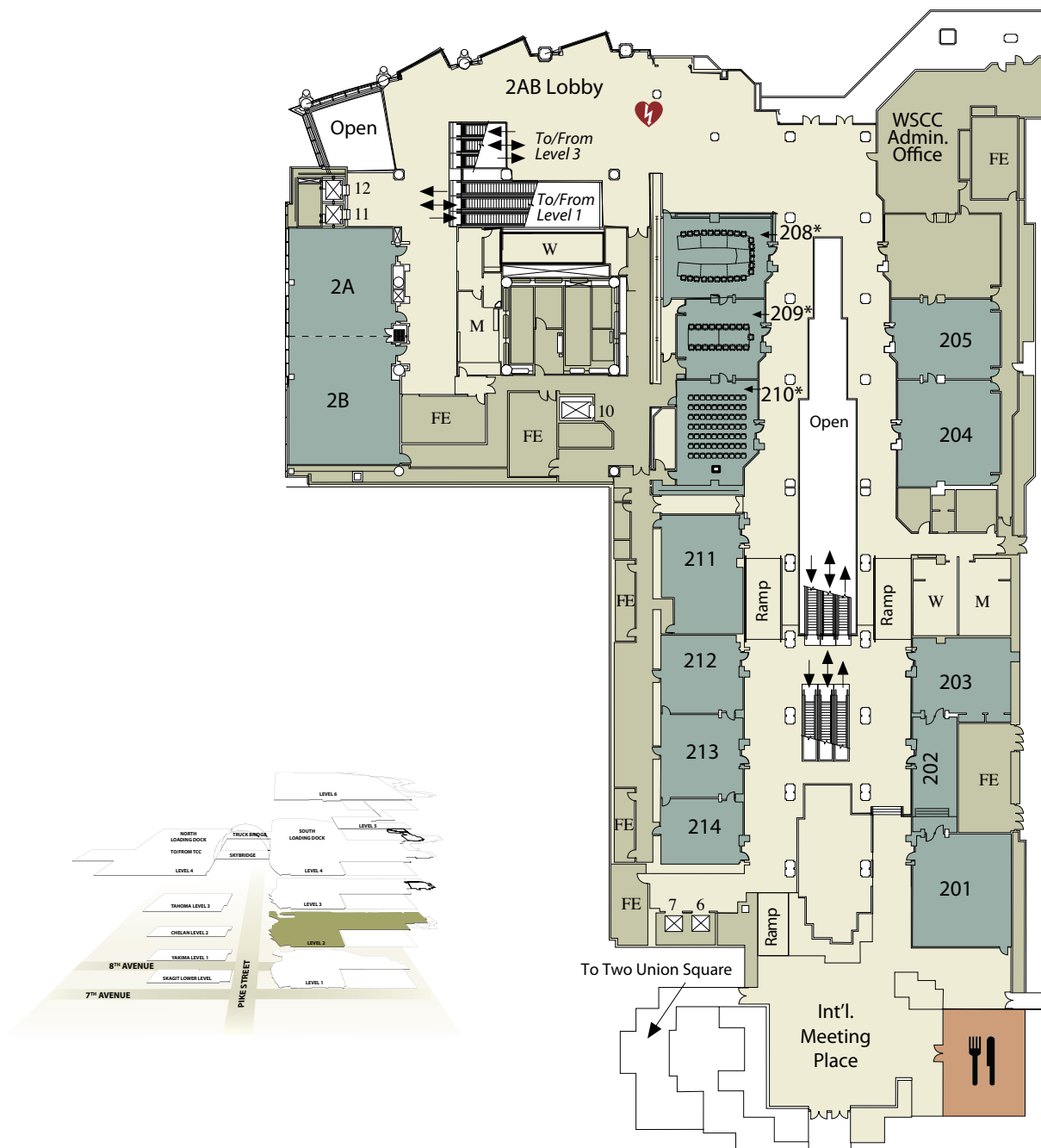


FIRST FLOOR

WASHINGTON STATE CONVENTION CENTER










Level Two

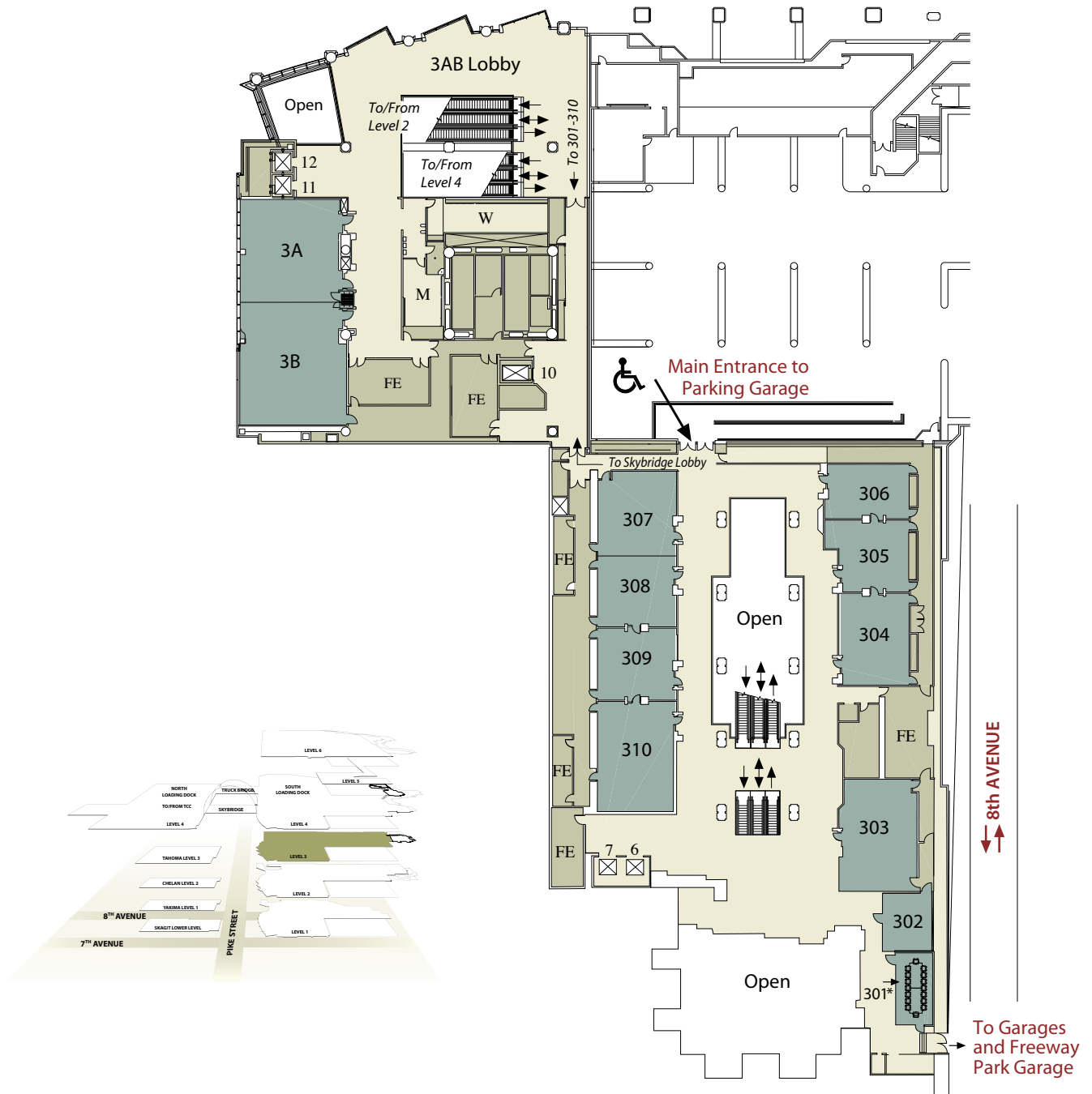
LEGEND					
	AED Device		Cash Machine		Food/Beverage
	Accessible Entrance Lift		Fire Exit		Restrooms
	Bar		First Aid		Seattle Visitor Center



WASHINGTON STATE CONVENTION CENTER

Level Three

LEGEND					
	AED Device		Cash Machine		Food/Beverage
	Accessible Entrance Lift		Fire Exit		Restrooms
	Bar		First Aid		Seattle Visitor Center



WASHINGTON STATE CONVENTION CENTER

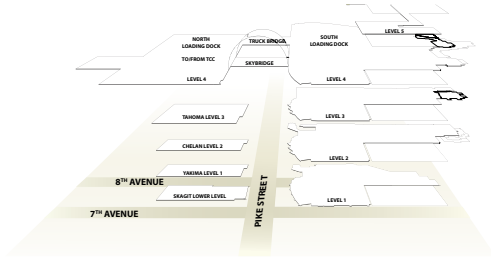
Level Four










LEGEND					
	AED Device		Cash Machine		Food/Beverage
	Accessible Entrance Lift		Fire Exit		Restrooms
	Bar		First Aid		Seattle Visitor Center

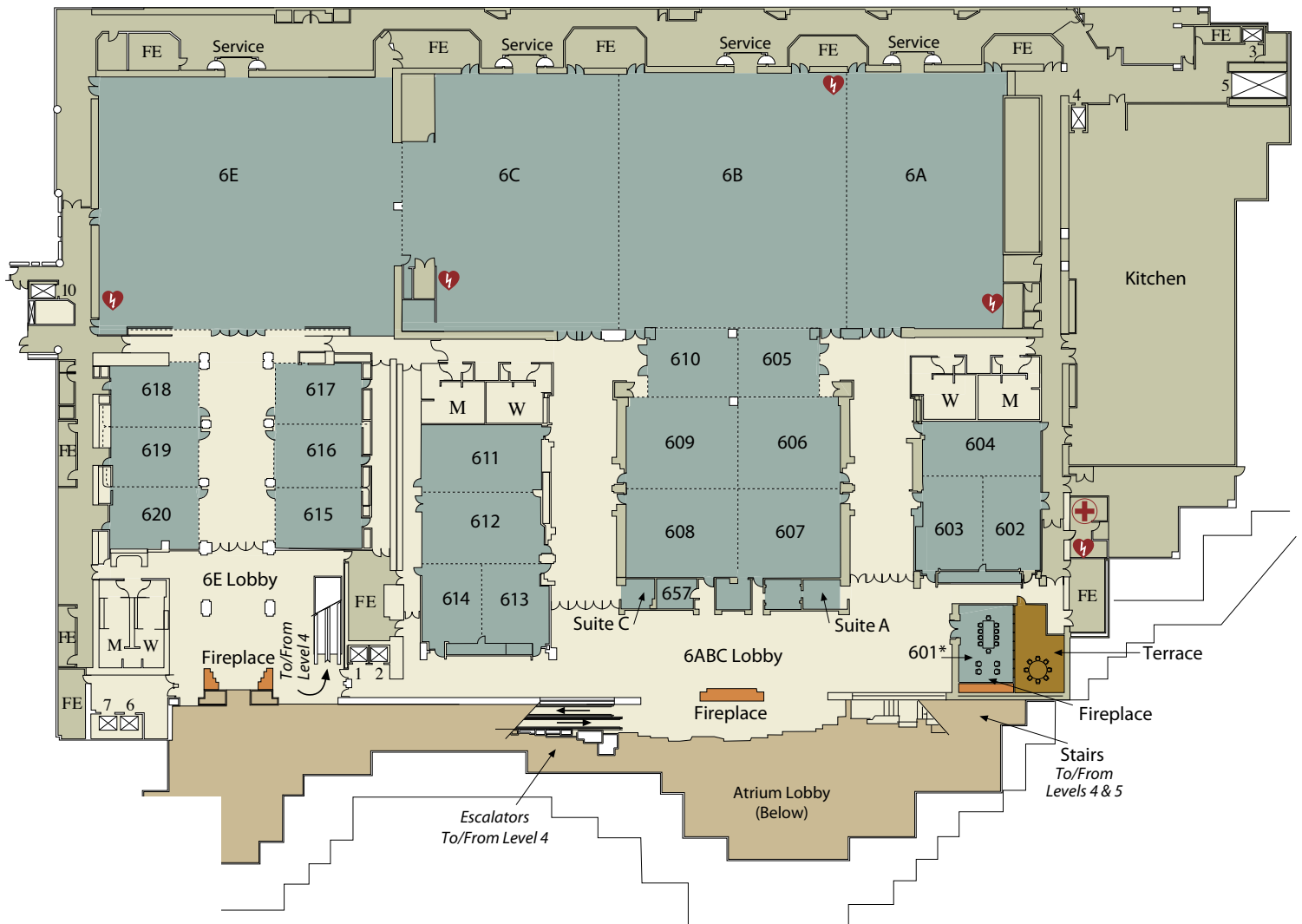


WASHINGTON STATE CONVENTION CENTER

Level Six



LEGEND					
	AED Device		Cash Machine		Food/Beverage
	Accessible Entrance Lift		Fire Exit		Restrooms
	Bar		First Aid		Seattle Visitor Center



VISIT THE ALL NEW ACVIM FORUM SOLUTIONS CENTER

Join us Thursday and Friday for an incredible Solutions Center experience featuring over 145 exhibiting companies, lots of innovative products and services and educational sessions!

POSTER PARK

ePoster Q&A Sessions

New this year! Don't miss your opportunity to network with attendees and view the latest scientific research during the ePoster Q&A sessions. All poster authors have 15 minutes of scheduled time to answer questions about their ePoster in the Poster Park. See page 55 for more information.

Cat Lounge

The Cat Lounge offers attendees an opportunity to recharge their batteries while interacting with cats from a local Seattle Shelter.

Sponsored by  **MERCK**
Animal Health

Technology Zone

Stay connected while away from the office by visiting the Technology Zone located in the Poster Park. Check email, print your boarding pass, access proceedings, or just sit back and relax while recharging your device. While there, be sure to take your picture at our selfie station and use hashtag #ACVIMForum for a chance to win a prize!

Powered by  **VIN**

Knowledge Corner

Visit the Knowledge Corner in the Solutions Center to hear exciting bursts of educational information. See page 29 for more information.

Job Boards

Are you looking for a new career opportunity or to reach the most qualified candidates for a position within your organization? This is the place to look! Be sure to stop by the Job Boards located in the Solutions Center across from booth 916.

Sponsored by  **ETHOS**
VETERINARY HEALTH

SOLUTIONS CENTER HOURS

THURSDAY, JUNE 14

9:30 am-4:30 pm

Refreshment Breaks

9:30-10:10 am

3:30-4:10 pm

Wine & Cheese Happy Hour

5:45-7:00 pm

Sponsored by  **PRO PLAN**
VETERINARY
DIETS

FRIDAY, JUNE 15

9:30 am-4:30 pm

Refreshment Breaks


9:50-10:20 am

3:30-4:10 pm

 **ACVIM**

Professional Headshot Photo Station

New this year! Take advantage of a unique opportunity to have a professional head shot taken during Solutions Center hours. We'll have an expert photographer on hand to take your headshot, which will be emailed to you following the event. Located in booth 917.

Sponsored by  **VCA**

Bark Park

Sit, stay, and play! Be sure to stop by the new Bark Park located in booth 531 and visit with a variety of furry friends who have been rescued by *Ginger's Pet Rescue as well as therapy dogs provided by **Pet Partners. You will not want to miss bonding with these dogs!

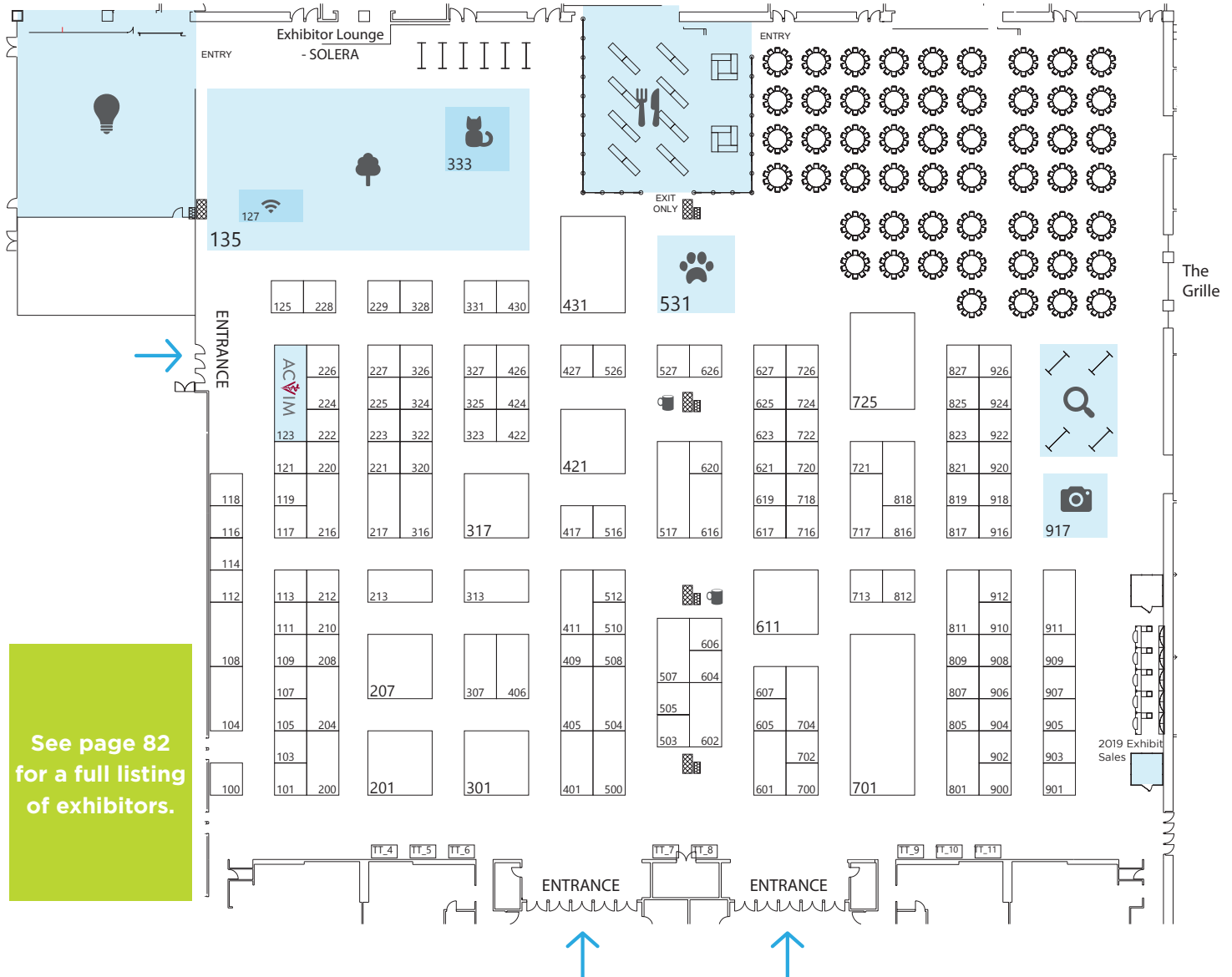
Sponsored by



ACVIM Membership & Apparel Booth

Make sure to stop by the ACVIM membership booth and apparel store located in booth 123. Whether you are a Diplomate or just want to find out more about ACVIM and how to become ACVIM board-certified – come say hi and walk away with your arms full with a variety of ACVIM apparel including scrubs, shirts, fleece jackets, vests and tote bags!

Learn, relax, fuel up and have fun in the ACVIM Forum Solutions Center – with excitement around every corner! Plan to stay a while, because you won't want to miss the exhibits and events.



Knowledge Corner

Sponsored by



Poster Park

ePoster Q&A Sessions



Technology Zone

Powered by VIN



Cat Lounge

Sponsored by MERCK



Bark Park

Sponsored by TERN



Job Boards

Sponsored by ETHOS



Professional Headshot Photo Station

Sponsored by VCA



Boxed Lunch Pick Up

*Pre-registered attendees only



Beverage Break

***Ginger's Pet Rescue** (www.gingerspetrescue.org) Ginger's Pet Rescue is a 501(c)3 non-profit organization – one of the largest non-profit pet rescue organizations in Washington state specializing in saving Death Row Dogs.

****Pet Partners** (www.petpartners.org) Pet Partners mission is to improve human health and well-being through the human-animal bond.

Pet Partner's Therapy Animal Program mutually benefits the relationship between people and animals and positively influences the health and well-being of both.

ACVIM
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WIN BIG

Visit these exhibitors for your chance to win amazing giveaways!



BOOTH	EXHIBITOR	GIVEAWAY
TT 3	Animal Medical Center	GIVEAWAY: Apple iPad
207	Aratana Therapeutics, Inc.	GIVEAWAY: Apple Watch
307	BlackwellKing Veterinary Change Consultants	GIVEAWAY: Adventure Pack that includes GoPro Camera, Eno Hammock, Waterproof Backpack, Yeti Tumbler, Sleeping Bag and much more (Value \$600+).
720	Cape Cod Veterinary Specialists	GIVEAWAY: iPad Mini
825	Center for Veterinary Specialty + Emergency Care	GIVEAWAY: Apple Watch
327	Digicare Animal Health	GIVEAWAY: Free Volumetric Pump IP41x
504	Hallmarq Veterinary Imaging	GIVEAWAY: Apple Watch. Visit our booth to learn more about the PetVet 1.5T MRI.
517	Heska Corporation-Cuattro Imaging	GIVEAWAY: Google Home
816	LexaGene	GIVEAWAY: Amazon Eco Dot, Alexa Smart Speaker
627	MedVet Medical & Cancer Center for Pets	GIVEAWAY: The Perfect Pour Gift Basket filled with over \$200 Craft Beer accessories.
204	National Veterinary Associates	GIVEAWAY: Apple iPad or an Inflatable Paddle Board Package
226	NHV Natural Pet Products	GIVEAWAY: FitBit, a Pet FitBit and NHV supplements.
331	PetCure Oncology	GIVEAWAY: \$100 VISA Gift Card
621	Timeless Veterinary Systems	GIVEAWAY: FREE 1-Year Subscription to the Timeless Vet Drug Index - by Etienne Côté, Stephen Ettinger & Wayne Schwark.
TT-4	Upright Canine Brigade	GIVEAWAY: \$50 AMX Certificate and a basket full of goodies for you to share with your special pup!
TT11	Veterinary Cancer Society	GIVEAWAY: Two \$50 Visa Gift Cards, one specifically for technicians and one for all others.
325	Veterinary CyberKnife Cancer Center	GIVEAWAY: Brain Stress Relievers and YETI gifts.
726	Wedgewood Pharmacy	GIVEAWAY: Eko Core Digital Stethoscope

ATTEND THE KNOWLEDGE CORNER

Hear exciting bursts of educational information without leaving the Solutions Center

Mid-morning sessions include a complimentary beverage and lunch sessions include a beverage and a \$10.00 Starbucks Gift Card.

(While supplies last)



THURSDAY, JUNE 14

9:40-10:05 am

*The Clinical and Economic Utility of TANOVEA-CA1, the First FDA Conditionally Approved Drug for the Treatment of Lymphoma in Dogs

Speaker: B. Phillips, C. Clifford

Sponsored by  VETDC

12:15-12:40 pm

*ELIAS Cancer Immunotherapy – Research Update on Adoptive T cell Immunotherapy in Canine Osteosarcoma Clinical Trials

Speaker: B. Flesner

Sponsored by  ELIAS
ANIMAL HEALTH

1:00-1:25 pm

*Canine and Feline Cystoscopy: How to Advance Diagnostic and Therapeutic Endeavors

Speaker: A. Berent

Sponsored by  STORZ
KARL STORZ – ENDOSKOP

3:40-4:05 pm

Preventing Calcium Oxalate Urolith Recurrence

Speaker: J. Lulich

Sponsored by  PRN
PHARMACAL

FRIDAY, JUNE 15

9:55-10:20 am

Value of the Urinalysis in the Geriatric Patient

Speaker: J. Byron

Sponsored by  PRN
PHARMACAL

12:25-12:50 pm

New Cardiology Ultrasound Innovations

Speaker: M. McElroy

Sponsored by  UMVET

1:05-1:30 pm

*Flat Faced n' Brachycephalic – An Update

Speaker: B. McKiernan

Sponsored by  STORZ
KARL STORZ – ENDOSKOP

3:40-4:05 pm

Prevention of Urinary Tract Infections in Dogs & Cats

Speaker: G. Oswald

Sponsored by  PRN
PHARMACAL

* Session is RACE approved.

ACVIM Fellowships and Grant Opportunities

The Advanced Research and Clinical Fellowships foster the professional development of veterinary clinicians and clinician-scientists. The intent of the Resident Research Grant is to provide a stimulating research experience for ACVIM residents by working with experienced research-scientist mentors. Below are key dates for the Fellowship and Grant opportunities. If you have a passion for research or you want to achieve a level of expertise in a specific field see **www.acvim.org/Awards-Grants/Fellowships** for details on how to apply.

2019 Fellowships (Research and Clinical)

Call Opens.....**July 15, 2018**
Submission Deadline..... **September 15, 2018**
Winners Notified..... **November 01, 2018**

2018 Fall Resident Research Grant

Call Opens.....**August 15, 2018**
Submission Deadline..... **October 15, 2018**
Winners Notified..... **December 15, 2018**

2019 Spring Resident Research Grant

Call Opens.....**January 15, 2019**
Submission Deadline..... **March 15, 2019**
Winners Notified..... **May 15, 2019**



NEED CE CREDITS THIS YEAR?

ACVIM offers advanced continuing education (ACE) courses focused on hands-on laboratories, lectures, case presentations and discussions. This exclusive content is offered to ACVIM members and associate partners.



UPCOMING COURSES

Current Concepts in the Etiopathogenesis, Diagnosis and Management of Pancreatic and Hepatobiliary Disorders of the Dog and Cat

October 26-27, 2018 · Denver, CO

Large Animal Candidate Boot Camp

*October 11-14, 2018 · Texas A&M University
College Station, TX*

**SAIM Cardiology: Advanced Arrhythmia
Diagnosis and Treatment**

Dates: TBD · Location: TBD

SAIM Ultrasound

April 5-7, 2019 · Las Vegas, NV

Science of Oncology (Instructor-led)

April 29-30, 2019 · Location: TBD

For a complete list of upcoming courses, please visit **ACVIM.org/ACECourses**
Space for these courses is limited. All courses subject to change.

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ONLINE JOB
BOARDS

Sponsored by
ETHOS
VETERINARY HEALTH



Find the right job. Find the right employee.

Whether you're planning the next step in your career path, or looking for highly qualified employees, the 2018 ACVIM Forum Career Center is a rich resource for exciting employment opportunities for both job seekers and employers.

Quickly access the Career Center by clicking the Jobs Button on the 2018 ACVIM Forum mobile app or visit the online kiosk and the physical job boards, located in the Solutions Center across from booth 916.

Open May 30th - July 2nd, 2018

RESEARCH FOCUS LECTURES

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.

Research Abstract presentations permit all researchers in the field the opportunity to present new findings in a 15-minute oral or poster presentation. The findings may be clinical or basic in nature. The majority of each presentation is comprised of cutting-edge research findings.

SCIENTIFIC SESSION LECTURES

Scientific Session 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.

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.

INTERACTIVE SESSIONS

Interactive Sessions are interactive in nature and include Lunch with the Expert sessions, Special Interest Group (SIG) meetings, Workshops and more.

Lunch with the Expert sessions are limited in size to facilitate the interaction and discussion of ideas in a small group setting. Additional fees apply.

Special Interest Groups (SIGs) are meetings of people who share a common interest.

Workshops are short courses that demonstrate the practical application of skills and principles using animal models, videotapes, or slides, and/or one that encourages free discussion or exchange of ideas. Pre-registration and fees may apply.

Expert Round Tables Small group setting providing an excellent chance for attendees to interact one-on-one with experts in the fields. Time per table will be limited starting with a brief introduction by the expert, followed by table discussion. Participation is limited and on a first-come, first-serve basis.















Knowledge Corners are quick bites of learning provided in the Solutions Center for all conference participants.

Commercial Presentations are educational sessions with information about veterinary products and services that are impacting the veterinary industry. These educational programs are presented by ACVIM Industry Partners who are at the forefront of some of the latest developments in products, services and techniques that impact animal health care.



GRID KEY

	BUSINESS MANAGEMENT
	CARDIOLOGY
	EQUINE
	FOOD ANIMAL
	MULTISPECIALTY
	NEUROLOGY
	ONCOLOGY
	ONE MEDICINE
	SMALL ANIMAL INTERNAL MEDICINE

ICON KEY

	Additional Fees May Be Required
	Pre-Registration Required
	By Invite Only
	Video Recording
	Audio Recording
	Specialty Symposium
	Veterinary Technician
	ePosters Q&A Sessions - Unique Schedules May Apply
	Research Abstract Oral Presentation - Unique Schedules May Apply
	One Health
	State-of-the-Art (SOTA) Presentation
	ERC Approved Lecture for ACVIM Residency
	ACVIM Resident Research Award Eligible
	Early Career Clinical Oncology Research Abstract Award Eligible

ACVIM MEETINGS & EVENTS

Time		Event	Location	Sponsor(s)
8:00 am-12:00 pm		ACVIM Board of Regents Meeting	Sheraton Willow	
8:30 am-5:15 pm		General Exam	Sheraton Grand Ballroom B	<i>Breaks and Lunch</i>  specialty • emergency medicine for pets
1:00-5:00 pm		JVIM Editorial Board Meeting	Sheraton Juniper	
2:00-7:00 pm		Registration	WSCC Atrium Lobby - 4th Floor	
2:00-7:00 pm		Speaker Headquarters	WSCC 605/610	
2:30-4:00 pm		Forum Program Committee Meeting (Specialty Subcommittees)	Sheraton Richmond Boardroom	
4:00-5:30 pm		Marketing and Communications Committee (MCC) Meeting	Sheraton Richmond Boardroom	
6:00-7:30 pm	 	Candidate Appreciation Reception	OFFSITE - The Pike Brewing Company	
7:30-9:30 pm		LAIM Residency Training & Credentials Committee (RTCC) Business Meeting	Sheraton Juniper	
7:30-9:30 pm		SAIM Residency Training Committee (RTC) Business Meeting	Sheraton Richmond Boardroom	

OTHER ORGANIZATION MEETINGS & EVENTS

Time	Event	Location
7:00 am-5:00 pm	American College of Veterinary Clinical Pharmacology Board Examination	Sheraton Capitol Hill
8:00 am-12:30 pm	AIMVT & AVNT Examinations	Sheraton Ravenna AB
8:00 am-12:00 pm	ACVN Certification Exam	Sheraton Ballard
1:00-6:00 pm	AIMVT Executive Board Meeting	Sheraton Ravenna C
3:00-11:00 pm	ACVN Annual Meeting	Sheraton Metropolitan A

ACVIM MEETINGS & EVENTS

Time		Event	Location	Sponsor(s)
6:30–7:50 am		Advanced Continuing Education (ACE) Committee Meeting	Sheraton Greenwood	
6:30–7:50 am		International Relations Committee (IRC) Meeting	Sheraton Kirkland	
7:00 am–7:00 pm		Registration	WSCC Atrium Lobby - 4th Floor	
7:00 am–7:00 pm		Speaker Headquarters	WSCC 605/610	
7:00 am–7:00 pm		Candidate Lounge	WSCC 401	blackwellking VETERINARY CHANGE CONSULTANTS
7:00 am–7:00 pm		Specialists Lounge	WSCC 4C-1	
7:30 am–4:30 pm		Technology Zone <i>(Available other times throughout the conference unmanned)</i>	WSCC 6th Floor Lobby	Powered by
8:00 am–5:30 pm		Specialty Symposia <i>(Sessions, Breaks, Lunches, Business Meetings, Candidate Functions, Diplomate Certificate Ceremonies)</i>	See pages 36-39	
12:00–1:30 pm		SAIM Residency (RTC) and Credentials (CC) Informational Meeting	WSCC 201	
1:00–4:35 pm		Technician Case Reports	See page 40	Transforming Lives™
2:00–3:00 pm		Friends of Dr. Bob and Bill W. Meeting	WSCC 304	
5:00–6:30 pm		Specialty Symposium Reception	WSCC Ballroom 6E	
5:15–7:30 pm		LAIM Case Report Alternative Committee	WSCC 306	
7:15–11:00 pm		Large Animal Internal Medicine Specialty Reception	OFFSITE - By invitation only	
7:15–10:30 pm		Oncology Specialty Dinner and Diplomate Certificate Ceremony	OFFSITE - The Palace Ballroom	

OTHER ORGANIZATION MEETINGS & EVENTS

Time		Event	Location	Sponsor(s)
7:15 am–5:30 pm		18th Annual AAVN Clinical Nutrition and Research Symposium	Sheraton Metropolitan Ballroom	
5:30–6:30 pm		AIMVT / AVNT Reception & Technician Cases Presentation Awards	Sheraton Willow A	Transforming Lives™
6:30–8:00 pm		Pathway Vet Alliance Reception	Sheraton Redwood	
7:00–9:00 pm		AIMVT Annual Membership Meeting	Sheraton Grand Ballroom B	


KEY	Open to ACVIM Diplomates, ACVIM Candidates, & Invited Guests Only	Open to ACVIM Diplomates and Invited Guests Only	Open to ACVIM Candidates Only	Breaks / Luncheons / Receptions
State-of-the-Art (SOTA) Presentation	ERC Approved Lecture for ACVIM Residency Requirements			
Pre-Registration Required				
















SPECIALTY SYMPOSIUM

Cardiology				
Time	Event	Location	Sponsor(s)	
8:00-8:05 am	Cardiology Specialty President Welcome • <i>E. Côté</i>	WSCC 608/609		
8:05-8:30 am	Patent Ductus Arteriosus (PDA): A Review of Ductal Anatomy With Tips and Tricks on Interventional Closure • <i>M. Martin</i>	WSCC 608/609		
8:05-8:55 am	Patent Ductus Arteriosus (PDA): Transvenous Coil Occlusion of Patent Ductus Arterioles in Small Dogs and Cats • <i>C. Stauthammer</i>	WSCC 608/609		
9:00-9:50 am	PDA Cases: Device Selection and ACDO Sizing, Measuring, Utilization of Echocardiography, Ancillary Equipment, Complications, and Prognosis • <i>C. Stauthammer, A. Saunders, M. Martin</i>	WSCC 608/609		
9:50-10:10 am	BREAK	WSCC 608/609 Pre-function		
10:10-11:55 am	The Journey Towards One Medicine: Cardiac Imaging in Veterinary and Pediatric Cardiology • <i>P. Barker</i>	WSCC 608/609		
12:00-1:20 pm	Cardiology Specialty Luncheon & New Diplomate Certificate Ceremony • <i>E. Côté</i>	WSCC 606/607		
1:30-3:00 pm	Cardiology Specialty Business Meeting	WSCC 608/609		
1:30-3:00 pm	ACVIM Candidate Function: PDA Imaging Beyond Angiography • <i>A. Saunders</i>	WSCC 4C-2		
3:00-3:15 pm	BREAK	WSCC 608/609 Pre-function		
3:15-4:05 pm	Fusion Imaging in the Cardiac Cath Lab • <i>B. Scansen</i>	WSCC 608/609		
4:10-5:00 pm	Assessment of Right Ventricular Function in Practice • <i>L. Visser</i>	WSCC 608/609		
5:00-6:30 pm	Specialty Symposium Reception	WSCC Ballroom 6E		

Neurology				
Time	Event	Location	Sponsor(s)	
8:00-8:05 am	Neurology Specialty President Welcome • <i>J. Rossmeisl</i>	WSCC 4C-3		
8:05-8:55 am	R Seizure Forecasting - Recent Developments and Applications • <i>M. Cook</i>	WSCC 4C-3		
9:00-9:50 am	R Novel Methods of Drug Delivery in Epilepsy • <i>M. Cook</i>	WSCC 4C-3		
9:50-10:10 am	BREAK	WSCC 4C-3 Pre-function		
10:10-11:55 am	Round Table: Brachycephalic Breeds and Their Spinal Malformations: When and How to Treat • <i>S. De Decker, S. Carrera-Justiz, M. Baroni</i>	WSCC 4C-3		
12:00-1:30 pm	Neurology Specialty Luncheon & New Diplomate Certificate Ceremony	WSCC 4C-4		

SPECIALTY SYMPOSIUM

Neurology <i>(continued)</i>			
Time	Event	Location	Sponsor(s)
1:35-2:25 pm	A Case-based Discussion on the Intricacies of Transsphenoidal Surgery at Washington State University • <i>A. Chen, T. Owen, L. Martin</i>	WSCC 4C-3	Hallmarq PetVet MRI
2:30-3:20 pm	Mechanisms and Spectrum of Developmental and Degenerative Disorders of the Cerebellum • <i>K. Matiasek</i>	WSCC 4C-3	
3:20-3:35 pm	BREAK	WSCC 4C-3 Pre-function	AnimalScan ACVIM
3:35-5:05 pm	Neurology Specialty Business Meeting • <i>J. Rossmeisl</i>	WSCC 4C-3	
3:35-5:05 pm	ACVIM Candidate Function: Clinical Electroencephalography in Small Animals • <i>F. James</i>	WSCC 618/620	Hallmarq PetVet MRI
5:00-6:30 pm	 Specialty Symposium Reception	WSCC Ballroom 6E	

Oncology			
Time	Event	Location	Sponsor(s)
8:00-8:05 am	Oncology Specialty President Welcome • <i>A. Moore</i>	WSCC 613/614	Boehringer Ingelheim
8:05-8:55 am	  A Community Integrated Approach to Cancer Research – New Discoveries to Benefit Animal and Human Health • <i>M. Breen</i>	WSCC 613/614	
9:00-9:50 am	  Advances in Diagnosis and Management of Canine Hemangiosarcoma • <i>J. Modiano</i>	WSCC 613/614	
9:50-10:10 am	BREAK	WSCC 613/614 Pre-function	
10:10-11:00 am	  irRADIOMICS: Assessing Response and Predictive Utility of Advanced Imaging in Dogs Receiving Cancer Immunotherapy • <i>D. Vail</i>	WSCC 613/614	Boehringer Ingelheim
11:05-11:55 am	  The Process of Biomarker Development and Where Are We With Veterinary Oncology Biomarkers • <i>L. Garrett</i>	WSCC 613/614	
12:00-1:30 pm	 Oncology Specialty Business Meeting and Candidate / Diplomate Luncheon • <i>A. Moore</i>	WSCC 618-620	
1:35-2:25 pm	 Integrating Molecular and Serum Biomarker-Based Tests Into the Management of Dogs With Lymphomas • <i>M. Childress</i>	WSCC 613/614	
2:30-3:20 pm	 Results of NCI-COTC022: A Prospective Study of Canine Appendicular Osteosarcoma Receiving Standard of Care Therapy • <i>A. LeBlanc</i>	WSCC 613/614	Boehringer Ingelheim
3:20-3:35 pm	BREAK	WSCC 613/614 Pre-function	
3:35-4:25 pm	 Myeloid-derived Suppressor Cells in Canine Cancer Patients: Phenotype, Function and Clinical Perspective • <i>M. Goulart</i>	WSCC 613/614	
4:30-5:20 pm	 Checkpoint Molecules As Targets in Veterinary Immuno-Oncology • <i>S. Dow</i>	WSCC 613/614	
5:00-6:30 pm	 Specialty Symposium Reception	WSCC Ballroom 6E	
7:15-10:30 pm	 Oncology Specialty Dinner & New Diplomate Certificate Ceremony	OFFSITE – The Palace Ballroom	Best Pet Rx

SPECIALTY SYMPOSIUM

Large Animal Internal Medicine - Equine/Food Animal

Time	Event	Location	Sponsor(s)
8:00-8:05 am	Large Animal Internal Medicine Specialty President Welcome • H. Schott	WSCC 611/612	
8:05-8:55 am	50 Years of PBL: What Have We Learned? • A. Neville	WSCC 611/612	
9:00-9:50 am	Learning and Assessment in a PBL Environment: Lessons From the Cognitive Sciences • A. Neville	WSCC 611/612	
9:50-10:10 am	BREAK	WSCC 611/612 Pre-function	
10:10-11:00 am	Screw Worm Outbreak: This Is a Transboundary Disease Again • M. Short	WSCC 611/612	
11:05-11:55 am	The Wins and Losses of Protecting Domestic Livestock From Tick-Borne Disease • R. Miller	WSCC 611/612	
12:00-1:20 pm	 Large Animal Internal Medicine Specialty Luncheon & New Diplomate Certificate Ceremony	WSCC Ballroom 6A	
1:30-3:15 pm	Large Animal Internal Medicine Specialty Business Meeting • H. Schott	WSCC 611/612	
1:30-3:15 pm	 ACVIM Candidate Function: Novel Roles for Large Animal Diplomates in One Health and Regulatory Medicine • E. Patton, M. Short, K. Nelson, K. Poulsen, T. Kasari	WSCC 310	
3:15-3:30 pm	BREAK	WSCC 611/612 Pre-function	
3:30-4:20 pm	 Microbiota Across All Large Animal Species: Best Practices • M. Costa	WSCC 611/612	
4:25-5:15 pm	 Microbiota Across All Large Animal Species: What We Have Learned • D. Gomez-Nieto	WSCC 611/612	
5:00-6:30 pm	 Specialty Symposium Reception	WSCC Ballroom 6E	
7:15-10:30 pm	  Large Animal Internal Medicine Specialty Reception	OFFSITE - By Invitation Only	 Boehringer Ingelheim

Small Animal Internal Medicine

Time	Event		
8:00-8:05 am	Small Animal Internal Medicine Specialty President Welcome • W. Morrison		
	Track 1 Cutting Edge Therapies WSCC Ballroom 6C	Track 2 Clinical Pharmacology WSCC Ballroom 6B	Track 3 Education, Research & Communication WSCC 615/617
8:10-9:00 am	Determining When Extracorporeal Therapy is Indicated JD Foster	Patient-Centric Antimicrobial Stewardship S. Weese	Veterinary Education: Teaching and Learning in Trying Times: A Case-based Conversation With Colleagues J. Taboada, S. Marks
9:05-9:55 am	Argon Plasma Coagulation: Another Potential Option for the Minimally Invasive Arsenal A. Specht, A. Gallagher	Prevention and Management of Multidrug-resistant Infections D. Spann	Critical Thinking is a Learnable Skill K. Creevy Aligning Testing With Learning Objectives A. Cook

SPECIALTY SYMPOSIUM

Small Animal Internal Medicine *(continued)*

Time	Event		
9:55-10:15 am	BREAK WSCC Ballroom 6C & 615-617 Pre-function		
	Track 1 Cutting Edge Therapies WSCC Ballroom 6C	Track 2 Clinical Pharmacology WSCC Ballroom 6B	Track 3 Education, Research & Communication WSCC 615-617
10:15-11:05 am	Transsphenoidal Surgery for Pituitary Masses in the Dog and Cat (PDH and Acromegaly) <i>T. Owen, A. Chen, L. Martin</i>	Cyclosporine Use in Dogs: New Insights <i>T. Archer</i>	<ul style="list-style-type: none"> Teaching the Impact of the False Discovery Rate to Clinical Students <i>S. Marsilio</i> Incorporating the Uncertainty of Clinical Outcomes Into Case-based Teaching <i>B. Boudreau</i> Correlation is Not Causation; A Clinical Example for Students <i>S. Marsilio</i> A Classroom Exercise on the Role of Prevalence in Diagnostic Interpretation <i>K. Creevy</i>
11:10 am-12:00 pm	New Therapeutic Interventions in the Management of Infection and Encrustation of Urinary Tract Implants <i>M. Dunn</i>	Azathioprine vs Mycophenolate: Which is the Better Immunosuppressive Drug? <i>A. Mackin</i>	Use of Second Life in Fourth-Year Clinical Simulations <i>D. Zoran</i> Activating Student Learning Through Adaptive Learning Modules <i>J. Heseltine</i>
12:00-1:30 pm			
1:30-2:20 pm	Advancements in Esophageal Strictures: Bougies, Balloons, Stents, and BTubes <i>C. Weisse</i>	Anticoagulant and Antiplatelet Therapy: Unintended Drug Interactions <i>J. Thomason</i>	<ul style="list-style-type: none"> Acquisition and Retention of Knowledge: How to Defy the Forgetting Curve <i>C. Rode</i>
2:20-2:30 pm	BREAK WSCC Ballroom 6C & 615-617 Pre-function		
2:30-4:00 pm	Small Animal Internal Medicine Specialty Business Meeting • <i>W. Morrison</i>		WSCC Ballroom 6B
2:30-4:00 pm	ACVIM Candidate Function: Surviving and Thriving Post-Residency • <i>R. Hanel, M. Holowaychuk, H. Kvitko-White</i>		WSCC 615-617
4:00-5:30 pm	✓ Small Animal Internal Medicine Specialty New Diplomate Certificate Ceremony and Reception		WSCC Ballroom 6A
5:00-6:30 pm	SS Specialty Symposium Reception		WSCC Ballroom 6E

TECHNICIAN PROGRAM • CASE REPORTS

Time	Track	Session Title • Speaker	Location	Sponsor(s)
1:00-1:20 pm	Neurology	VT This Case is Radiculoneuritis • <i>B. Laflen</i>	WSSC 2AB	
1:20-1:40 pm	Neurology	VT Status Epilepticus and AIVR Caused By Right Temporal Lobe Neoplasia • <i>D. Swartzfager</i>		
1:40-2:00 pm	Neurology	VT Phrenic Nerve Involvement in Postoperative Ventral Slot Recovery • <i>M. Campo</i>		
2:00-2:20 pm	Nutrition	VT Nutritional Requirements for a Neonatal Foal and Her Dam • <i>R. Sarr</i>		
2:20-2:40 pm	Nutrition	VT Multiple Myeloma: A Case Study • <i>J. Reid</i>		
2:40-2:55 pm	BREAK			
2:55-3:15 pm	Oncology	VT Diagnosis, Treatment and Outcome of Primary Mediastinal Lymphoma in a Dog • <i>S. Farfan</i>	WSSC 2AB	
3:15-3:35 pm	SAIM	VT Canine Primary Hyperparathyroidism & Ethanol Ablation: A Technician's Role • <i>C. Tonge</i>		
3:35-3:55 pm	SAIM	VT Water Intoxication with Secondary Hyponatremia • <i>D. Merriss</i>		
3:55-4:15 pm	SAIM	VT Fluoroscopic Balloon Dilation in the Treatment of Nasal Stenosis • <i>G. Bell</i>		
4:15-4:35 pm	SAIM	VT Necrotizing Pancreatitis: The Disease That Just Kept on Giving • <i>J. Rauscher</i>		

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Oral and ePoster Presentations

Solutions Center
June 14-15, 2018



Purina Sponsored Abstracts

Oral Presentations

Thursday, June 14
2:15 PM – 2:30 PM

Effects of continuous and intermittent caloric restriction regimens on body fat loss in obese dogs
Abstract # NM03

Dr. Yuanlong Pan

Room Location: Available in the ACVIM App

Thursday, June 14
3:00 PM – 3:15 PM

Nutrient-enriched water enhances total water intake and hydration in dogs
Abstract #NM06

Dr. Brian Zanghi

Room Location: Available in the ACVIM App

You're cordially invited to the
**Wine and Cheese
Happy Hour**

Thursday, June 14, 2018
5:45 pm – 7:00 pm



ePosters On Demand Question & Answer Scheduled Times

Thursday, June 14
12:45 PM – 1:00 PM

Feeding a high fiber diet for management of acute large bowel diarrhea in shelter dogs
Abstract #GI25

Dr. Michael Lappin

Theater 7, Solutions Center Poster Park

Friday, June 15
1:00 PM – 1:15 PM

Urine is not sterile: Evidence of a urinary microbiome in healthy adult cats
Abstract #NU41

Dr. Brittany Vester Boler

Theater 8, Solutions Center Poster Park








Friday, June 15
3:50 PM – 4:05 PM

Creatinine and GFR measurements using Jaffe and Enzyme-based Methods in Cats
Abstract #NU44


Dr. Brian Zanghi

Theater 8, Solutions Center Poster Park

ACVIM MEETINGS & EVENTS

Time		Event	Location	Sponsor(s)
6:30 am-9:00 pm	✓	Interactive Sessions	See pages 48-49	
6:30-8:00 am	📄	ACVIM Education and Research Committee (ERC) Meeting	Sheraton Kirkland	
6:30-8:00 am	📄	SAIM Credentials Committee Meeting	Sheraton Greenwood	
6:30-7:45 am		LAIM Resident Chat Breakfast	WSCC 304	
6:30-7:30 am	✓	NEW! ACVIM Fun Run / Walk 5k (Check-in: 6:00-6:20 am) SOLD OUT	WSCC Lower Lobby	
7:00 am-7:00 pm		Registration	WSCC Atrium Lobby - 4th Floor	
7:00 am-7:00 pm		Speaker Headquarters	WSCC 605/610	
7:00 am-7:00 pm		Candidate Lounge	WSCC 401	
7:00 am-7:00 pm		Specialists Lounge	WSCC 4C-1	
7:30 am-4:30 pm		Technology Zone (Available other times throughout the conference unmanned)	WSCC 6th Floor Lobby	
8:15-9:30 am		Keynote Address <i>Whether you are in academia or private practice this session promises to both educate and inspire you on how to be productive in learning and teaching, delivered by nationally renowned neuroscientist, Dr. John Medina.</i>	WSCC Ballroom 6E	
9:30-10:10 am		Beverage Break	WSCC Halls AB	
9:30 am -4:05 pm	* P	ePoster Q&A Sessions	See pages 55-59	
9:30 am-4:30 pm		Solutions Center (Visit with exhibitors, attend ePoster Q&A sessions and much more!)	WSCC Halls AB	
10:10 am-6:00 pm	*	Research Abstracts	See pages 50-54	
10:10 am-6:00 pm		Scientific Sessions	See pages 45-47	
10:10 am-9:00 pm	VT	Technician Program	See page 48	
12:15-1:30 pm	✓	Achieving Board Certification Informational Lunch	WSCC 204	
12:15-1:30 pm	📄	LAIM Executive Committee Meeting	WSCC 209	
2:00-3:00 pm		Friends of Dr. Bob and Bill W. Meeting	WSCC 304	
3:30-4:10 pm		Beverage Break	WSCC Halls AB	
4:30-5:30 pm		Student Reception	Sheraton	
5:45-7:00 pm		Wine and Cheese Happy Hour	WSCC Halls AB	 
7:30-10:00 pm	✓ \$	Cardiology Specialty Dinner	OFFSITE - The Columbia Tower Club	

OTHER ORGANIZATION MEETINGS & EVENTS

Time	Event	Location	Sponsor(s)
12:15–1:30 pm	Comparative Gastroenterology Society (CGS) Business Luncheon	WSCC 201	

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PRESENTS

ACVIM^{FORUM} 2018

KEYNOTE ADDRESS

JOHN MEDINA

*PhD, Brain Scientist,
Best-Selling Author*

THURSDAY, JUNE 14
8:15-9:30 AM
BALLROOM 6E



Learning and Teaching: Lessons from the Cognitive Neurosciences

Whether you are in academia or private practice this session promises to both educate and inspire you on how to be productive in learning and teaching. Delivered by nationally renowned neuroscientist, John Medina, this two-part presentation utilizes a neuroscientific perspective to demonstrate practical ways to impart complex information to learners at any stage of life. The first part of the session focuses on the attentional and arousal states of human cognition and will expose what makes information interesting, as well as what makes it boring. The second part explores declarative information and various aspects of human memory processing to reveal what makes the information we receive memorable.

SCIENTIFIC SESSIONS • MORNING SESSIONS

8:15-9:30 am		10:10-11:00 am	11:10 am-12:00 pm
KEYNOTE ADDRESS Learning and Teaching: Lessons from the Cognitive Neurosciences John Medina, PhD <i>Brain Scientist</i> <i>Sponsored by</i>  WSSC Ballroom 6E		Cardiology WSSC 608/609  Progress in Transcatheter Mitral Valve Treatments <i>G. Kramer</i>	 Interventional Management of Cor Triatriatum Dexter <i>C. Stauthammer, S. Tou</i>
	Equine WSSC 618/619	Spatiotemporal Risk Analysis: A Tool for Comparing Import Risks of New Diseases <i>C. Faverjon</i>	Improving Diseases Early Detection Using Syndromic Surveillance <i>C. Faverjon</i>
	Equine WSSC 613/614	Should Probiotic Therapy Be Pursued in Light of Recent Knowledge of the Equine Microbiota? <i>A. Schoster</i>	Managing Gastric Ulcers in Horses: A Case-based Presentation <i>F. Andrews, B. Sykes</i>
	Equine WSSC 620	 Research Abstracts	 Research Abstracts
	FAIM WSSC 303	 Research Abstracts	 Research Abstracts
	ACVCP/AAVPT (FAIM) WSSC 310	Antimicrobial Resistance and Viral Prevalence From KSVDL BRD Diagnostic Cases <i>B. Lubbers</i>	Antimicrobial Resistance and Viral Prevalence From a Prospective Surveillance Program of US Cattle <i>B. Lubbers</i>
	Neurology WSSC 606/607	 Research Abstracts	 Research Abstracts
	Oncology WSSC 611/612	Veterinary Oncology Product Launches: What Predicts Success? <i>P. Bergman</i>	Future Therapies for Small Animal Oncology: New Targets, New Techniques <i>C. Johannes, L. Rhodes</i>
	One Health WSSC 615	  Precision Medicine: Power of Genomics in Companion Animal Disease Discovery and Treatment <i>L. Lyons</i>	 Global Threat of Emerging Infectious Diseases: Role of Arthropodes, Climate Change, Prevention and Preparedness <i>S. Kapil</i>
	SAIM WSSC Ballroom 6B	Point-of-Care Thoracic Ultrasound: Augmenting the Triage Exam <i>J. Ward</i>	ECG Analysis For Non-cardiologists <i>A. Carr</i>
	ASVCP (SAIM) WSSC 616/617	Iron Biomarkers <i>E. Fish</i>	MicroRNA In Cancer <i>E. Fish</i>
	ISCAID (SAIM) WSSC Ballroom 6C	Advances in Antifungal Drug Therapy <i>J. Sykes</i>	The Application of Targeted Anti-viral Drug Therapy For Feline Infectious Peritonitis <i>N. Pedersen</i>
	CAPC (SAIM) WSSC Ballroom 6A	Feline Vector-Borne Diseases Associated With Acarids and Triatomin Bugs <i>D. Bowman, E. Breitschwerdt</i>	Feline Vector-Borne Diseases Associated With Flies and Fleas <i>D. Bowman, E. Breitschwerdt</i>
	SAIM WSSC 4C-4	 Research Abstracts - Gastroenterology	 Research Abstracts - Gastroenterology
	SAIM WSSC 4C-3	 Research Abstracts - Endocrinology	 Research Abstracts - Endocrinology


VISIT THE SOLUTIONS CENTER

SCIENTIFIC SESSIONS • AFTERNOON SESSIONS

	1:40-2:30 pm	2:40-3:30 pm	4:10-5:00 pm	5:10-6:00 pm
Cardiology WSCC 611/612	Comparative Canine and Human Myxomatous Mitral Valve Disease <i>B. Corcoran</i>	Heart Rate in Atrial Fibrillation <i>A. Gelzer</i>	Cardiac MRI-Current Role and Future Directions <i>R. Fries</i>	Collapse and Syncope: A Cardiologist's Perspective <i>M. Martin</i>
Cardiology WSCC 616/617	Research Reports Interventional Management of Central Venous Obstruction in Dogs <i>L. Markovic</i> Effect of Signalment Variables and Examiner on Echocardiographic Measurements in 25,472 Normal Pedigree Cats <i>J. Haggstrom</i>	* Research Abstracts	* Research Abstracts	* Research Abstracts
Equine WSCC 608/609	 Equine Intestinal Ultrasound Beyond Acute Colic <i>C. Navas</i>	 Lamellar Signaling Events and Disturbances of Energy Metabolism Leading To Different Forms of Laminitis <i>A. van Eps, J. Belknap</i>	  Immunology of Old Horses: Immunosenescence and Inflammaging <i>D. Horohov</i> 	  Immunology of Young Horses and Its Relationship to Infection With <i>Rhodococcus Equi</i> <i>D. Horohov</i> 
Equine WSCC 620	* Research Abstracts	* Research Abstracts	* Research Abstracts	* Research Abstracts
Food Animal WSCC Ballroom 6B	Consensus Statement - (FAIM): Control of Bovine Viral Diarrhea Virus In Ruminants (25 mins.) <i>P. Walz (Chair), M. Chamorro, A. Woolums</i>			
Food Animal WSCC 303		Antimicrobial Therapy For Bovine Respiratory Disease: Efficacy and Duration of Therapy <i>B. Credille</i>	Antimicrobial Stewardship For Cattle Veterinarians <i>B. Credille</i>	Application of Pharmacokinetic and Pharmacodynamic Principles For the Clinic: Reducing Resistance Development <i>B. Credille</i>
AAVN/ACVN (FAIM) WSCC 310	Things Are Not Always What They Seem: Case Studies of Sheep Copper Deficiency <i>R. Van Saun</i>	Clinical Management of Urolithiasis in Sheep and Goats <i>M. Shepherd</i>	Pregnancy Toxemia: Presentation and Diagnostics <i>A. Mongini, R. Van Saun</i>	Pregnancy Toxemia: Nutritional Management in Preventing Pregnancy Toxemia <i>R. Van Saun, A. Mongini</i>
Neurology WSCC 606/607	* Research Abstracts	* Research Abstracts	Research Reports A Spontaneous Model of Succinic Semialdehyde Dehydrogenase Deficiency in the Saluki Dog <i>K. Vernau</i> Cerebrospinal Fluid Lactate as a Biomarker in Canine Central Nervous System Disorders <i>C. Mariani</i>	Research Reports Progression of Vertebral and Spinal Cord Changes in Dogs with Osseous-Associated Cervical Spondylomyelopathy <i>R. da Costa</i> Spinal Spreading of Presumed Canine Brain Gliomas After Irradiation <i>M. Dolera</i>

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SCIENTIFIC SESSIONS • AFTERNOON SESSIONS

	1:40-2:30 pm	2:40-3:30 pm	4:10-5:00 pm	5:10-6:00 pm
Oncology WSCC 613/614	<p>🔴 🔵 Factors that Determine Metastatic Progression and Survival in Osteosarcoma <i>J. Modiano</i></p>	<p>🔴 🔵 The Use of a Nationwide Repository of Canine Cancer Patient Biospecimens to Advance Veterinary Oncology <i>M. Breen</i></p>	<p>The Need For Refined Prognostic Indices in Dogs With Lymphomas <i>M. Childress</i></p>	<p>Repositioned Drugs in Oncology: A Case Study of Monepantel <i>A. Frimberger</i></p>
Oncology WSCC 615	<p>🌟 Research Abstracts</p>	<p>🌟 Research Abstracts</p>	<p>🌟 Research Abstracts</p>	<p>🌟 Research Abstracts</p>
SAIM Consensus Statements WSCC Ballroom 6E	<p>Consensus Statement - SAIM: A Review of Evidence For Trigger Factors For IMHA and Diagnostic Recommendations For Idiopathic IMHA <i>O. Garden (Co-Chair), L. Kidd (Co-Chair), G. Lubas, A. Mexas, U. Jeffery</i></p>	<p>Consensus Statement - SAIM: Recommendations For Rational Immunosuppressive Therapy for IMHA <i>O. Garden (Co-Chair), J. Swann (Co-Chair), C. Fellman, R. Goggs, N. Whitley, A. Mackin</i></p>	<p style="writing-mode: vertical-rl; transform: rotate(180deg);">VISIT THE SOLUTIONS CENTER</p>	
SAIM Consensus Statements WSCC Ballroom 6B				
SAIM WSCC Ballroom 6A	<p>Effect of Fecal Microbiota Transplantation on the Intestinal Microbiome <i>J. Suchodolski</i></p>	<p>Assessing GI Motility and the Use of Prokinetics <i>F. Gaschen, R. Husnik</i></p>		
ABVP (SAIM) WSCC Ballroom 6C	<p>Hyperaldosteronism: Recognition, Diagnosis, and Management <i>A. Cook</i></p>	<p>Feline Diabetic Remission: Key Concepts <i>A. Cook</i></p>		
VECCS (SAIM) WSCC 4C-3	<p>Neonatology Across All Species <i>M. Harmon, C. Dixon</i></p>		<p>Feline Medical Pain: Clinical Pain Assessment and Analgesia <i>J. Slovak, T. Grubb</i></p> <p></p>	<p>Adjusting Drug Doses in Renal Failure <i>C. Fellman</i></p>
VCRS (SAIM) WSCC 4C-4	<p>Brachycephalics: New Understanding, New Treatments <i>B. McKiernan</i></p>	<p>Pleural Space Disease: Trapped Lung and Spontaneous Pneumothorax <i>E. Rozanski</i></p>	<p>Clinical Application of Novel Diagnostics in Gastroenterology <i>A. Sullivant</i></p>	<p>Biomarkers in Canine Chronic Enteropathies <i>R. Heilmann</i></p>
SAIM WSCC 618/619	<p>🌟 Research Abstracts - Gastroenterology</p>	<p>🌟 Research Abstracts - Gastroenterology</p>	<p>Mitral Valve Disease and Implementing the Latest Research Findings Into Clinical Practice <i>A. Saunders</i></p>	<p>Interventional Cardiology: Optimizing Patient Selection in Congenital Heart Disease <i>A. Saunders</i></p>
SAIM WSCC 307/308	<p>🌟 Research Abstracts - Endocrinology/ Nutrition-Metabolism</p>	<p>🌟 Research Abstracts - Nutrition-Metabolism/ Infectious Disease</p>	<p>Feline Urinary Obstruction: The First 24 Hours - A Panel Discussion With Critical Care Emphasis <i>M. Harmon, L. Rozanski, B. Davidow</i></p>	<p>Geriatric Onset Laryngeal Paralysis Polyneuropathy <i>B. Stanley</i></p>
			<p>🌟 Research Abstracts - Gastroenterology</p>	<p>Upper Airway Disease in Norwich Terriers: Identification and Surgical Options <i>B. Stanley</i></p>
			<p>🌟 Research Abstracts - Infectious Disease</p>	<p>🌟 Research Abstracts - Gastroenterology/ Immunology/Other</p>
				<p>🌟 Research Abstracts - Infectious Disease</p>

TECHNICIAN PROGRAM • MORNING SESSIONS

8:15-9:30 am		10:10-11:00 am	11:10 am-12:00 pm
KEYNOTE ADDRESS John Medina, PhD <i>Brain Scientist</i> <i>Sponsored by</i>  <i>Transforming Lives™</i> WSCC Ballroom 6E	SOLUTIONS CENTER	SAIM-Nutrition WSCC 2AB Immune Modulating Nutrients in SA Nutrition <i>N. Ackerman</i>	Raw Feeding: What Is The Evidence? <i>N. Ackerman</i>
		Neurology WSCC 3B Equine Neurology Pattern Recognition for the LA VT <i>A. Stewart</i>	Cognitive Dysfunction/Brain Aging: What's New in Nutritional Management? <i>K. Burns</i>

TECHNICIAN PROGRAM • AFTERNOON SESSIONS

	1:40-2:30 pm	2:40-3:30 pm		4:10-5:00 pm	5:10-6:00 pm
Oncology WSCC 3B LAIM WSCC 3B	The ABCs of Lumps and Bumps: Aspirates, Biopsies, and Cytology <i>S. Ettinger</i>	Preparation and Screening of Cytology Slides <i>L. Garrett</i>	SOLUTIONS CENTER	Inhalation Therapies in Veterinary Medicine: Theory and Practice <i>H. McKenzie</i>	Arduous Analgesia: Equine Pain Management <i>D. Morgan</i>
SAIM WSCC 2AB Cardiology WSCC 2AB	Pancreatitis: Small Animal - Big Problem <i>C. Ketchum</i>	Ins and Outs of Fluid Therapy in Patients With Acute Kidney Injury <i>M. Labato</i>		Diagnostic Tricks and Tips for the Tech: Practical Approach to Arrhythmias <i>A. Estrada, M. Kleman</i>	Diagnostic Tricks and Tips for the Tech: Case-based Review of Heart Disease in Dogs <i>M. Kleman, A. Estrada</i>

INTERACTIVE SESSIONS • MORNING SESSIONS

Time	Track/ Session Type	Session Title • Speaker	Location	Sponsor(s)
6:30-8:00 am	SAIM/ Commercial Presentation	✓ Mirtazapine: Considerations for Age and Disease (Breakfast Included) • <i>J. Quimby</i>	Sheraton Grand Ballroom CD	
6:30-8:00 am	Multispecialty/ Commercial Presentation	✓ Increased SDMA: What Should I Do Differently? (Breakfast Included) • <i>J. Ogeer</i>	Sheraton Metropolitan Ballroom	
9:40-10:05 am	SAIM/ Knowledge Corner	The Clinical and Economic Utility of TANOVEA-CA1, the First FDA Conditionally Approved Drug For the Treatment of Lymphoma in Dogs • <i>C. Clifford, B. Phillips</i>	WSCC 4C-2	
10:00 am-12:00 pm	Cardiology/ Round Table	Cardiology Expert Round Table Event - Space is limited - First-come, first-serve attendance. • <i>B. Keene, A. Saunders, J. Bonagura, B. Hamlin, J. Haggstrom, K. Meurs</i>	WSCC 3A	

INTERACTIVE SESSIONS • AFTERNOON SESSIONS

Time	Track/ Session Type	Session Title • Speaker	Location	Sponsor(s)
12:00-1:30 pm	SAIM/Lunch With the Experts	✓ \$ Cardiorenal Syndrome • <i>L. Cowgill, J. Orvalho</i> SOLD OUT	WSCC 304	
12:00-1:30 pm	SAIM/Lunch With the Experts	✓ \$ Dietary Management of Chronic Enteropathy in Dogs and Cats • <i>M. Leib, I. Becvarova</i> SOLD OUT	WSCC 210	
12:00-1:30 pm	LAIM/Lunch With the Experts	✓ \$ Equine Neurology • <i>S. Reed, M. Furr</i> SOLD OUT	WSCC 211	
12:15-12:40 pm	SAIM/ Knowledge Corner	ELIAS Cancer Immunotherapy – Research Adoptive T cell Immunotherapy in Canine Osteosarcoma Clinical Trials • <i>B. Flesner</i>	WSCC 4C-2	
12:15-1:30 pm	Multispecialty/ Commercial Presentation	✓ Luncheon: Next Generation Vaccines for Lyme Disease • <i>R. Marconi</i>	Sheraton Grand Ballroom CD	
12:15-1:30 pm	Multispecialty/ Technician Luncheon	✓ VT Tips for Communicating with Clients about Obesity • <i>R. Mullis</i>	Sheraton Metropolitan Ballroom	
12:15-1:30 pm	SAIM/Luncheon	✓ Achieving Board Certification Informational Lunch	WSCC 204	
12:15-1:40 pm	Equine/SIG	✓ Emerging/Re-emerging Equine Diseases Luncheon • <i>A. Soboll Hussey, P. Morresey, W. Vaala</i>	Sheraton Grand Ballroom A	
1:00-1:25 pm	SAIM/ Knowledge Corner	Canine and Feline Cystoscopy: How to Advance Diagnostic and Therapeutic Endeavors • <i>A. Berent</i>	WSCC 4C-2	
1:40-4:40 pm	SAIM/ Workshop	✓ \$ Laparoscopy Lecture and Dry Lab • <i>C. Webb, D. Twedt</i>	WSCC 203	
3:40-4:05 pm	SAIM/ Knowledge Corner	Preventing Calcium Oxalate Urolith Recurrence • <i>J. Lulich</i>	WSCC 4C-2	
5:00-6:00 pm	Neurology/ Workshop	✓ Clinical Reasoning in Veterinary Neurology: Which Combination of Clinical Information Is Useful? • <i>T. Cardy</i>	WSCC 4C-2	
7:30-9:30 pm	FAIM/SIG	FAIM • <i>C. Luby</i>	WSCC 3A	
7:30-9:30 pm	Multispecialty/ SIG	EPM Society • <i>S. Witonsky, D. Horohov, M. Long</i>	WSCC 303	
7:30-9:30 pm	Equine/SIG	Equine Endocrinology • <i>L. F. Bertin, L. Tadros</i>	WSCC 204	
7:30-9:30 pm	Multispecialty/ SIG	House Officer Training and Work Hours • <i>S. Marks, C. Adin</i>	WSCC 3B	
7:30-9:30 pm	Multispecialty/ Technician Workshop	VT SIG: Achieving VTS-Internal Medicine, Cardiology, Neurology, Oncology or Nutrition • <i>L. Merrill</i>	WSCC 307/308	
7:30-9:30 pm	SAIM/SIG	GI Endoscopy: What's Your Diagnosis? • <i>M. Leib, M. Matz, A. Gallagher</i>	WSCC 2AB	

RESEARCH ABSTRACTS

Cardiology (SAIM)

TIME	#	LOCATION	ABSTRACT TITLE	PRESENTING AUTHOR
2:45 pm	C01	WSCC 616/617	⬢ Pharmacodynamics of Entresto® (Sacubitril/Valsartan) Versus Placebo in Dogs with Preclinical Myxomatous Mitral Valve Disease	<i>D. Newhard</i>
3:00 pm	C02		⬢ Trimethylamine-Noxide and its Precursors in Dogs with Degenerative Mitral Valve Disease	<i>E. Karlin</i>
3:15 pm	C03		⬢ Comparison Between the Effects of Torsemide and Furosemide on the Renin-Angiotensin-Aldosterone System of Normal Dogs	<i>B. Potter</i>
4:15 pm	C04		⬢ Transvenous Echocardiography in Conscious Sedated Horses	<i>B. Boutet</i>
4:30 pm	C05		⬢ Inotropic and Chronotropic Effects of Sotalol in Healthy Dogs	<i>J. Treseder</i>
4:45 pm	C06		⬢ Complications and Outcomes of Multi-Institution Transvenous Pacemaker Implantation	<i>C. Whipp</i>
5:00 pm	C07		Pharmacokinetics of Transdermal Atenolol Administration in Healthy Cats	<i>N. LeBlanc</i>
5:15 pm	C08		Anatomy, Baseline Characteristics and Procedural Outcome in German Shepherd Dogs with Patent Ductus Arteriosus	<i>S. Wesselowski</i>
5:30 pm	C09		Effect of Loop Diuretics on Novel Components of the Renin-Angiotensin-Aldosterone System of Healthy Dogs	<i>M. Ames</i>
5:45 pm	C10		Precision and Repeatability of Transthoracic Two-Dimensional and Three-Dimensional Echocardiography in Normal Conscious Dogs	<i>R. Fries</i>
6:00 pm	C11		Echocardiographic Phenotype of Canine Dilated Cardiomyopathy Differs Based on Diet	<i>D. Adin</i>

Equine

TIME	#	LOCATION	ABSTRACT TITLE	PRESENTING AUTHOR
10:15 am	E01	WSCC 620	⬢ Equine Urinary N-Acetyl-β-D-Glucosaminidase Assay Validation and Correlation with Other Markers of Kidney Injury	<i>R. Bayless</i>
10:30 am	E02		Urinary Tract Infections: Retrospective Study in an Equine Hospital Between 1995 to 2016	<i>D. Jean</i>
10:45 am	E03		Characterization of Acute Kidney Injury in Hospitalized Horses	<i>V. Savage</i>
11:00 am	E04		⬢ Comparison of Two Collection Methods for Cerebrospinal Fluid Analysis from the Standing, Sedate Adult Horse	<i>H. Chidlow</i>
11:15 am	E05		Eastern Equine Encephalitis in Horses – 104 cases (1979 – 2017)	<i>D. de Tonnerre</i>
11:30 am	E06		Response of Warmbloods with Type 2 Polysaccharide Storage Myopathy to Diet and Exercise	<i>Z. Williams</i>
11:45 am	E07		⬢ Cyclophosphamide Dose Escalation during Equine Chemotherapy	<i>D. Luethy</i>
12:00 pm	E08		⬢ Retrospective Evaluation of Clinical Outcome following Chemotherapy for Lymphoma in 11 Horses	<i>D. Luethy</i>
1:30 pm	E09		⬢ Medical and Surgical Treatment of Primary Hyperparathyroidism in 17 Equids (1999-2016)	<i>E. Gorenberg</i>
1:45 pm	E10		⬢ Pioglitazone in Equids Increases High-Molecular-Weight Adiponectin Concentrations and Decreases Insulin Response After Oral Sugar	<i>R. Legere</i>
2:00 pm	E11		⬢ Investigation of Novel Biomarkers for Early Detection of Equine Metabolic Syndrome	<i>V. Ragno</i>
2:15 pm	E12		⬢ Enteroinular Axis Response to Fasting and Dextrose in Healthy Neonatal Foals	<i>L. Rings</i>
2:30 pm	E13		Evaluation of an Oral Sugar Test to Diagnose Insulin Dysregulation in Horses	<i>S. Lindäse</i>
2:45 pm	E14		Prevention of Laminitis in Ponies Using Velagliflozin, a Novel Treatment for Insulin Dysregulation	<i>A. Meier</i>
3:00 pm	E15		The Impact of Different Glucose Dosages in Oral Glucose Test for Assessment of Insulin Dysregulation	<i>T. Warnken</i>
3:15 pm	E16		Comparison of Insulin and Glucose Response in Horses Using Two Different Formulations of Corn Syrup	<i>H. Banse</i>
4:15 pm	E17		Combination of TRH Stimulation Test and 2-Step Insulin Sensitivity Test to Diagnose PPID and EMS	<i>R. Horn</i>
4:30 pm	E18		Effect of Using Corn Syrup with Fructose on Equine Oral Sugar Test Results	<i>E. Stapley</i>

RESEARCH ABSTRACTS

Equine (continued)

TIME	#	LOCATION	ABSTRACT TITLE	PRESENTING AUTHOR
4:45 pm	E19	WSCC 620	⬆ Serum and Cerebrospinal Fluid Alpha-Tocopherol Concentration in Adult Horses Supplemented with Subcutaneous Alpha-Tocopherol	C. Donnelly
5:00 pm	E20		Serum Phosphorus, Magnesium, and Potassium Concentrations in Small Equids with Dyslipidemias	L. Dunbar
5:15 pm	E21		Lipidome of Thoroughbred Horses Before and After Supra-Maximal Exercise Using an Untargeted Lipidomics Approach	L. Nolasco Sassot
5:30 pm	E22		⬆ Quantification of Left-Atrial Stunning in Horses After Cardioversion of Atrial Fibrillation Using Two-Dimensional Speckle Tracking	C. Eberhardt
5:45 pm	E23		⬆ Acute, Subacute and Chronic Assessment of Horses Exposed to Lethal and Sublethal Doses of Monensin	C. Gy
6:00 pm	E24		Comparison of Non-invasive, Invasive Central and Invasive Peripheral Blood Pressure in the Standing Horse	N. Rodriguez

Food Animal

TIME	#	LOCATION	ABSTRACT TITLE	PRESENTING AUTHOR
10:15 am	F01	WSCC 303	⬆ Abomasitis in Calves: Retrospective Study of 20 Cases (2006-2016)	M. Puerto-Parada
10:30 am	F02		⬆ Risk Factors Associated with Mycobacterium avium Subsp. paratuberculosis Herd Status in Québec Dairy Herds	E. John
10:45 am	F03		Risk Factors Associated with Bovine Leukemia Virus Infection in Dairy Herds in Atlantic Canada	M. Levy
11:00 am	F04		The Nemabiome: A New Tool for the Small Ruminant Clinician	S. Raabis
11:15 am	F05		The Nasopharyngeal Microbiota of Pre-Weaned Dairy Calves with and without Ultrasonographic Lung Lesions	B. Burgess
11:30 am	F06		⬆ Evaluation of a Rapid Immunoassay for Detection of Cryptosporidium parvum in Bovine Calf Fecal Samples	E. Guarnieri
11:45 am	F07		Investigation of the Fecal Virome of Neonatal Dairy Calves with Diarrhea	D. Gomez-Nieto
12:00 pm	F08		Use of a Digital Brix Refractometer to Estimate Serum Immunoglobulin in Goat Kids	R. Oman

Neurology (SAIM)

TIME	#	LOCATION	ABSTRACT TITLE	PRESENTING AUTHOR
10:15 am	N01	WSCC 606/607	⬆ Nanofiber Lined Catheter Treatment of Intracranial Gliomas in Dogs	S. Arnold
10:30 am	N02		⬆ Repetitive Transcranial Magnetic Stimulation for the Treatment of Drug-resistant Canine Idiopathic Epilepsy	M. Charalambous
10:45 am	N03		⬆ Pharmacokinetics of Approved and Compounded Extended Release Levetiracetam After Single Oral Dose Administration in Cats	E. Johnson
11:00 am	N04		⬆ Spatial Resolution of 3D Printed Stereolithographic Models of the Canine Thoracolumbar Vertebral Column	A. Jurkoshek
11:15 am	N05		⬆ Clinical Characteristics of Steroid Responsive Meningitis-Arteritis in a Population of Dogs in North America	J. Lau
11:30 am	N06		⬆ Serum Levetiracetam Concentrations Following Chronic Administration of Three Times Daily Transdermal Levetiracetam in Six Cats	C. Smith
11:45 am	N07		⬆ Clinical Safety and Magnetic Resonance Imaging Characteristics of Brain Implanted Nanofiber-Lined Catheters in Healthy Dogs	G. Stewart
12:00 pm	N08		Microsurgery and intratumoral Concentration and Safety of Metronomic Chlorambucil for Spontaneous Canine Glioma	R. Bentley
12:15 pm	N09		Development of an Intraventricular Hemorrhage Model of Obstructive Hydrocephalus in Pigs	R. Bentley
1:30 pm	N10		Pharmacokinetics of Fenbendazole in Canine CSF and Plasma: A Pilot Study	A. Brenna

RESEARCH ABSTRACTS

Neurology (SAIM) *(continued)*




TIME	#	LOCATION	ABSTRACT TITLE	PRESENTING AUTHOR
1:45 pm	N11	WSSC 606/607	Risk Factors for Progressive Myelomalacia in Dogs with Complete Sensorimotor Loss Following Intervertebral Disc Extrusion	<i>A. Castel</i>
2:00 pm	N12		Accuracy of a Novel Magnetic Resonance Imaging-Based Patient-Individual Stereotactic Brain Biopsy Device in the Dog	<i>T. Flegel</i>
2:15 pm	N13		Can Neuronavigation Aid in Pituitary Removal in Horses?	<i>S. Kappel</i>
2:30 pm	N14		Morphometric Analysis of Brachycephalic Features Identified by Machine Learning Technique in Dogs with/without Syringomyelia	<i>S. Knowler</i>
2:45 pm	N15		Morphometric Analysis of Spinal Cord Termination in Cavalier King Charles Spaniels	<i>C. Sparks</i>
3:00 pm	N16		A Comparison of Erythrocyte Membrane Fatty Acids Between Shiba and Non-Asian Dogs	<i>G. Togawa</i>
3:15 pm	N17		Genetic Association Analyses of Familial Spontaneous Epileptic Cats	<i>Y. Yu</i>

Oncology (SAIM)

TIME	#	LOCATION	ABSTRACT TITLE	SPONSORED BY	PRESENTING AUTHOR
1:30 pm	O01	WSSC 615	⬆️ Acid Suppressants Modulate in Vitro Mast Cell Structure, Degranulation, and Viability		<i>E. Gould</i>
1:45 pm	O02		⬆️ Plasma Cytokeratin-18 Levels as Non-invasive Biomarker of Early Gastrointestinal Toxicity in Dogs Receiving Toleranib		<i>R. Kovac</i>
2:00 pm	O03		Comprehensive Analysis of Gene Mutations in Canine Histiocytic Sarcoma by Whole Exome Sequencing		<i>H. Asada</i>
2:15 pm	O04		Predicting the Response of Canine B-Cell Lymphoma to CHOP Chemotherapy with Ex Vivo Biodynamic Imaging		<i>M. Childress</i>
2:30 pm	O05		The Association between Symmetric Dimethylarginine Concentrations and Neoplasia in Dogs and Cats	IDEXX	<i>M. Coyne</i>
2:45 pm	O06		Treatment with Enterococcus faecium NCIMB 10415 Does Not Affect the Outcome of Chemotherapy-Induced Diarrhea		<i>L. Matthewman</i>
3:00 pm	O07		Felis catus Gammaherpesvirus 1 Associated with Shorter Survival but not Risk of Lymphoma in Cats		<i>A. McLuckie</i>
3:15 pm	O08		YM155 Inhibits the Growth of Canine Squamous Cell Carcinoma Cells with High Expression of Survivin		<i>R. Miyamoto</i>
4:15 pm	O09		Nanoparticle and Laser Thermal Ablation in Canine Low Grade Mast Cell Tumors		<i>L. Parshley</i>
4:30 pm	O10		Amiloride Sensitizes Canine Osteosarcoma Cells to Doxorubicin Chemotherapy		<i>A. Poon</i>
4:45 pm	O11		Antitumor Effect of Lapatinib in Canine Transitional Cell Carcinoma Cell Lines		<i>K. Sakai</i>
5:00 pm	O12		Adjuvant Electrochemotherapy with Bleomycin and Cisplatin Combination for the Canine Soft Tissue Sarcoma: 30 Cases		<i>E. Spugnini</i>
5:15 pm	O13		Treatment of Histiocytic Sarcoma with Nimustine in Dogs: 9 Cases		<i>H. Tani</i>
5:30 pm	O14		Generation of Myeloid Derived Suppressor Cells by Tumor Exosomes (VCS Award Winner)		<i>J. Lenz</i>
5:45 pm	O15		Comparison of Various Imaging Modalities for Setup Verification Prior to Delivery of Stereotactic Radiation Therapy for Head and Neck Cancers in Veterinary Patients (VCS Award Winner)		<i>L. Magestro</i>

RESEARCH ABSTRACTS

SAIM - Endocrinology

TIME	#	LOCATION	ABSTRACT TITLE	SPONSORED BY	PRESENTING AUTHOR
10:15 am	EN01	WSCC 4C-3	Effect of Sample Type on Measurement of Cortisol and T4 by Immulite in Dogs		<i>E. Behrend</i>
10:30 am	EN02		Isolated Renal Glycosuria Does Not Lead to Polyuria in a Feline Model		<i>A. Gal</i>
10:45 am	EN03		Transcription Factors Involved in the Development and Reprogramming of the Endocrine Pancreas in Diabetic Cats		<i>L. Geurts</i>
11:00 am	EN04		Comparison of Pharmacodynamics Between Insulin Degludec and Insulin Glargine 300 U/mL in Healthy Cats		<i>C. Gilor</i>
11:15 am	EN05		Thyroid Status in Dogs with Renal Proteinuria		<i>J. Palerme</i>
11:30 am	EN06		Diagnosis of Hypothyroidism following Thyroid Stimulating Hormone Stimulation Testing of Radio-Iodine-Treated Hyperthyroid Cats		<i>J. Wakeling</i>
11:45 am	EN07		Effect of Illness on Response of Euthyroid cats to Thyroid Stimulating Hormone Stimulation Test		<i>J. Wakeling</i>
12:00 pm	EN08		Oxidative Stress of Erythrocytes in Cats with Diabetes Mellitus		<i>E. Zini</i>
1:30 pm	EN09	WSCC 307/308	Molecular Prognostic Markers in Canine Cortisol-Secreting Adrenocortical Tumours (<i>ESVE Award Winner</i>)		<i>K. Sanders</i>

SAIM - Gastroenterology

TIME	#	LOCATION	ABSTRACT TITLE	PRESENTING AUTHOR
10:15 am	GI01	WSCC 4C-4	➔ Comprehensive Comparison of Upper and Lower Endoscopic Small Intestinal Biopsies in Cats with Chronic Enteropathy	<i>B. Chow</i>
10:30 am	GI02		➔ Effects of a Combination Anthelmintic (Febantel, Pyrantel, Praziquantel) on the Fecal Microbiota of Dogs Infected with Giardia and Cryptosporidium	<i>M. Fujishiro</i>
10:45 am	GI03		TNF-inducible Gene/Protein-6 (TSG-6) Released by Canine Mesenchymal Stem Cells Alleviate Inflammatory Bowel Disease in Mice	<i>J. An</i>
11:00 am	GI04		Serum IL-2, IL-6, IL-8, and TNF- α Concentrations in Dogs with Chronic Enteropathies	<i>A. Buono</i>
11:15 am	GI05		Enterococcus Inhibit Growth and Adhesion of Feline Tritrichomonas foetus	<i>R. Dickson</i>
11:30 am	GI06		Association between Serum Calprotectin Concentrations and Insulin Resistance in Miniature Schnauzers with Idiopathic Hyperlipidemia	<i>R. Heilmann</i>
11:45 am	GI07		Assessment of Gastrointestinal Injury in Racing Alaskan Sled Dogs	<i>T. Hill</i>
12:00 pm	GI08		Effect of Metoclopramide, Erythromycin and Exenatide on Solid Phase Gastric Emptying in Healthy Cats	<i>R. Husnik</i>
1:30 pm	GI09	WSCC 618/619	Esophageal Lumen Ph and Lavage in Dogs with Gastroesophageal Reflux	<i>F. Lotti</i>
1:45 pm	GI10		Contrast Videofluoroscopy Can Help Manage Dogs with Congenital Idiopathic Megaesophagus	<i>J. Lyngby</i>
2:00 pm	GI11		Utility of Capsule Endoscopy in the Assessment of Microcytosis in Dogs	<i>K. Mabry</i>
2:15 pm	GI12		Histopathology, Immunohistochemistry, and Clonality of Intestinal Biopsies from Healthy Cats	<i>S. Marsilio</i>
2:30 pm	GI13		Characterization of the Intestinal Proteome of Cats with Inflammatory Bowel Disease or Alimentary Lymphoma	<i>S. Marsilio</i>
2:45 pm	GI14		Effects of Gastrointestinal Diets on Feline Fecal Occult Blood Testing	<i>K. Spies</i>
3:00 pm	GI15		Fecal Metabolites from the Tryptophan-Serotonin-Indole Pathway in Dogs with Intestinal Disease	<i>R. Pilla</i>
3:15 pm	GI16		Longitudinal Characterization of the Fecal Microbiome in Dogs with Idiopathic Inflammatory Bowel Disease	<i>R. Pilla</i>
4:15 pm	GI17		Prevalence of Clostridium perfringens Encoding netF Gene in Dogs with Acute and Chronic Gastrointestinal Diseases	<i>F. Sarwar</i>
4:30 pm	GI18		Microbiota analysis-detected dysbiosis in Dogs with Cancer is Unaffected by Enterococcus faecium NCIMB 10415 Therapy	<i>L. Matthewman</i>
4:45 pm	GI19		Linearity, Precision, and Reproducibility of the VetScan cPL Rapid Test	<i>J. Steiner</i>
5:00 pm	GI20		Effects of Malnutrition on the Mortality Rate in Dogs with Protein-losing Enteropathy	<i>A. Kathrani</i>

RESEARCH ABSTRACTS



SAIM - Immunology

TIME	#	LOCATION	ABSTRACT TITLE	PRESENTING AUTHOR
5:15 pm	IM01	WSCC 618/619	Anaphylaxis in Dogs: A Retrospective Study at a US Veterinary Teaching Hospital	<i>F. Fosset</i>
5:30 pm	IM02		Efficacy of the Canine Lyme Vaccine in North America: A Systematic Review and Meta-analysis	<i>N. Vogt</i>

SAIM - Infectious Disease

TIME	#	LOCATION	ABSTRACT TITLE	SPONSORED BY	PRESENTING AUTHOR
3:15 pm	ID01	WSCC 307/308	⚡ Risk Factors for Candida Urinary Tract Infections in Dogs and Cats		<i>K. Reagan</i>
4:15 pm	ID02		Clinical Evaluation of a Commercial Hyperimmune Plasma Product in Dogs with Parvoviral Enteritis		<i>R. Acciacca</i>
4:30 pm	ID03		Prevalence of Babesia spp. and Clinical Characteristics of Babesia Microti-Like Infections in North American Dogs		<i>N. Barash</i>
4:45 pm	ID04		Differences in Clinicopathologic Variables between Borrelia C6 Antigen Seroreactive and Borrelia C6 Seronegative Canine Glomerulopathy		<i>M. Borys</i>
5:00 pm	ID05		Primary-Care Practice Clinical Trial Provides Evidence That Reduced Antibiotic Use Does Not Affect Clinical Outcome		<i>S. Caddy</i>
5:15 pm	ID06		Feline Retroviral Prevalence in Feral Cats on the San Francisco Peninsula, 2001-2003, 2005-2007, and 2014-2016		<i>C. Edinboro</i>
5:30 pm	ID07		Canadian K9 Lifetime (Lyme) Study: Descriptive Analyses of Year 1 Data		<i>M. Evason</i>
5:45 pm	ID08		Investigation of the Association Between Lyme Seroreactivity and Chronic Kidney Disease in Dogs		<i>J. Ogeer</i>
6:00 pm	ID09		Feline Vector-borne Disease in Cats with Acute-Onset Fever		<i>B. Qurollo</i>

SAIM - Nutrition/Metabolism

TIME	#	LOCATION	ABSTRACT TITLE	SPONSORED BY	PRESENTING AUTHOR
1:45 pm	NM01	WSCC 307/308	Prospective Evaluation of a Novel Esophagostomy Feeding Tube Placement Device in Dogs		<i>J. Foster</i>
2:00 pm	NM02		Metabolic and Immunological Effects of Intermittent Fasting in Healthy Dogs Fed a High Fat Diet		<i>Y. Leung</i>
2:15 pm	NM03		Effects of Continuous and Intermittent Caloric Restriction Regimens on Body Fat Loss in Obese Dogs		<i>Y. Pan</i>
2:30 pm	NM04		Effect of Different Carbohydrate Sources on Glycemic Index and Satiety-Related Gut Hormones in Dogs		<i>A. Rankovic</i>
2:45 pm	NM05		Differences in Postprandial Metabolites related to Lipid Metabolism between Lean and Overweight Labrador Retriever Dogs		<i>J. Söder</i>
3:00 pm	NM06		Nutrient-Enriched Water Enhances total Water Intake and Hydration in Dogs		<i>B. Zanghi</i>

SAIM - Other

TIME	#	LOCATION	ABSTRACT TITLE	PRESENTING AUTHOR
5:45 pm	OT01	WSCC 618/619	The Relationship Between Pet-Owner Satisfaction and Loyalty: the Mediating Role of Communication	<i>B. Brown</i>
6:00 pm	OT02		The Effect of Client Complaints on Small Animal Veterinary Internists	<i>L. Murphy</i>

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Cardiology

TIME	#	LOCATION	ABSTRACT TITLE	PRESENTING AUTHOR
9:35 am	C24	Theater 1	⬢ Treatment of Pulmonary Hypertension with Sildenafil Monotherapy versus Combination Therapy with Sildenafil and Pimobendan	<i>A. Pinkos</i>
9:50 am	C25		⬢ Relationship Between Serotonin and ALK5 Function on Development of Myxomatous Valvular Degeneration in Rat Model	<i>R. Saunders</i>
12:15 pm	C26		Cardiac Evaluation of Naturally Infected Distemper Dogs	<i>J. Araújo</i>
12:30 pm	C27		Omega 3 Fatty Acids and Mitral Valvar Disease: B2 and C Stages	<i>R. Carvalho</i>
12:45 pm	C28		Omega 3 Fatty Acids in Dogs with Mitral Valvar Disease without Myocardial Remodeling	<i>R. Carvalho</i>
1:00 pm	C29		Prognostic Value of Right Pulmonary Artery Distensibility Index in Dogs with Pulmonary Hypertension	<i>I. Chan</i>
1:15 pm	C30		Comparative Efficacy Analysis of Anti-Hypertensive Drugs in Severe Hypertensive Dogs	<i>H. Choi</i>
3:35 pm	C31		Case Series: Myocarditis in 6 Dogs with <i>Dirofilaria immitis</i>	<i>R. DeLaValle</i>
3:50 pm	C32	Theater 2	Long-term Outcomes of Pulmonary Artery Banding for Ventricular Septal Defects	<i>L. Dos Santos</i>
9:35 am	C33		Role of the Pyruvate Dehydrogenase Kinase-4 (PDK4) Gene Mutation in Mitochondrial Metabolism in Doberman Pinschers	<i>K. Taggart</i>
9:50 am	C34		Aortoseptal Angle and Systolic Murmur Occurrence in Normal Cats and Cats with Cardiomyopathy	<i>W. Ware</i>
12:15 pm	C35		Investigation of Transfusion-Free Mitral Valve Plasty in Dogs	<i>A. Yoshikawa</i>
12:30 pm	C36		Validation of a Newly Derived Reference Interval for N-terminal pro-B-type Natriuretic Peptide in Labrador Retrievers	<i>K. Borgeat</i>



ePOSTER Q&A SESSIONS

Equine

TIME	#	LOCATION	ABSTRACT TITLE	PRESENTING AUTHOR
9:35 am	E39	Theater 4	Electrocardiographic Parameters Pregnant Donkeys (<i>Equus Asinus</i>) of the Pega Breed	<i>M. Lourenço</i>
9:50 am	E40		Expression of Micropeptides that Regulate Intracellular Calcium Concentrations in Horse Skeletal and Cardiac Muscles	<i>M. Schott</i>
12:15 pm	E41		⚡ Pharmacokinetics and Safety of Repeated Oral Dosing of Acetaminophen in Adult Horses	<i>M. Mercer</i>
12:30 pm	E42		Pharmacodynamics of Doxycycline in a <i>Streptococcus equi</i> Subsp. <i>zooepidemicus</i> Infection Model in Horses	<i>R. Chapuis</i>
12:45 pm	E43		Pharmacokinetics and Pharmacodynamics of Subcutaneous Dexmedetomidine in Anaesthetized Horses	<i>A. Woodward</i>
1:00 pm	E44		Retrospective Evaluation of Plasma Phosphate and Calcium Concentrations as Biomarkers in Horses with Gastrointestinal Disease	<i>J. Bauquier</i>
1:15 pm	E45		Gastric Outflow Obstruction in Four Foals Associated with an Outbreak of Rotaviral Enteritis	<i>L. Dunbar</i>
3:35 pm	E46		Association of Progestogens with Inflammation and Immunity in Critically Ill Foals	<i>S. Vijan</i>
3:50 pm	E47		Proof of Concept Study of Subcutaneously Administered Anti-TNF Antibody in Neonatal Foals with Sepsis	<i>E. Sundman</i>

Food Animal

TIME	#	LOCATION	ABSTRACT TITLE	PRESENTING AUTHOR
9:35 am	F13	Theater 5	Gut Microbiota in Diarrheic Calf with Bovine Rotavirus Infection in Korea	<i>J. Jang</i>
9:50 am	F14		⚡ Regression of Squamous Cell Carcinoma in a Mature Bucking Bull and Longhorn Cow Using Immunocidin®	<i>J. Halleran</i>
12:30 pm	F16		Efficacy of Mycobacterium Cell-Wall Fraction on Influx of Polymorphonuclear Cells in Uterus of Dairy Cows	<i>A. Masic</i>
12:45 pm	F17		Physiologically-Based Population analysis for Determination of Milk Discard Times for Intra-Mammary Drugs	<i>A. Woodward</i>
1:00 pm	F18		⚡ Effect of Oral Iodide Supplementation on Iodine Concentration in Respiratory Fluids of Pre-weaned Dairy Calves	<i>L. Gamsjaeger</i>
1:15 pm	F19		Pharyngeal Trauma and Perforation in Dairy Cattle: 27 Cases Neonatal Foals with Sepsis	<i>D. Gomez-Nieto</i>

Oncology

TIME	#	LOCATION	ABSTRACT TITLE	PRESENTING AUTHOR
9:35 am	O16	Theater 3	⚡ Efficacy of a Doxorubicin and Cytarabine Chemotherapy Protocol in 6 Dogs with Acute Myeloid Leukemia	<i>A. Matsuyama</i>
9:50 am	O17		Clinical and Immunological Anti-Cancer Effects of Canine IL-15 with Metronomic Cyclophosphamide in Dogs with Cancer	<i>S. Ahn</i>
12:15 pm	O18		Ecological-Level Analysis of Canine and Feline Primary Lung Tumors and Environmental Radon Levels	<i>C. Johannes</i>
12:30 pm	O19		Immunohistochemical Expression of Lung Resistance-Related Protein (LRP) in Dogs with Cutaneous Lymphoma	<i>V. Winkel</i>
12:45 pm	O20		Retrospective Evaluation of Palladia® Use in the Treatment of inoperable, Metastatic, or Recurrent Canine Pheochromocytomas	<i>M. Musser</i>
1:00 pm	O21		Effect of Glucose Transporter Inhibition on Cell Growth in Canine Melanoma	<i>S. Namba</i>
1:15 pm	O22		Intratumoral Expression of Serotonergic System Genes <i>htr1b</i> , <i>htr2a</i> , <i>htr2b</i> , <i>tph1</i> , and <i>slc6a4</i> in Canine Osteosarcoma	<i>A. Viall</i>
3:35 pm	O23		Unravelling the Chaotic Genomic Landscape of Canine Osteosarcoma with Current Sequencing Technologies and Bioinformatic Approaches (<i>VCS Award Winner</i>)	<i>S. Chu</i>
3:50 pm	O24		Incidence and Risk Factors Associated with the Development of Symptomatic Cardiotoxicity in Dogs Receiving Doxorubicin (<i>VCS Award Winner</i>)	<i>B. Hallman</i>



THURSDAY, JUNE 14

ACVIM 2018




ePOSTER Q&A SESSIONS

Small Animal Internal Medicine - Endocrinology

TIME	#	LOCATION	ABSTRACT TITLE	SPONSORED BY	PRESENTING AUTHOR
9:35 am	EN10	Theater 6	Use of Lispro Insulin for Treatment of Diabetic Ketoacidosis in Cats: A Pilot Study		J. Anderson
9:50 am	EN11		Effects of EDTA on Chemiluminescent Immunoassay Measurement of ACTH, Cortisol, and Thyroid Hormones in Dogs		A. Hirsch
12:15 pm	EN12		Investigating the Effect of Thyroid Stimulating Hormone Administration on Radioactive Iodine Uptake in Hyperthyroid Cats		A. Oberstadt
12:30 pm	EN13		Comparison of Urine Cortisol: Creatinine Ratio and Basal Cortisol for the Diagnosis of Canine Hypoadrenocorticism		A. Rowland
12:45 pm	EN14		Accuracy Over Time of Bayer Diastix® Strips for Detection of Glucosuria in Cat Urine		E. Behrend
1:00 pm	EN15		Dexmedetomidine's Effect on Glucose Homeostasis in Healthy Cats		J. Bouillon
1:15 pm	EN16		Changes in Serum total Thyroxin Concentrations in Hyperthyroid Cats Do Not Affect Serum Glucose Concentrations		A. Gal
3:35 pm	EN17		Perioperative Characteristics, Histological Diagnosis and Outcome in Cats Undergoing Surgical Treatment of Primary Hyperparathyroidism		M. Giuffrida
3:50 pm	EN18		Serum Amino Acid Concentrations in Dogs with Naturally Occurring Pituitary-Dependent Hyperadrenocorticism		J. Kim

Small Animal Internal Medicine - Gastroenterology

TIME	#	LOCATION	ABSTRACT TITLE	SPONSORED BY	PRESENTING AUTHOR
9:35 am	GI21	Theater 7	Usefulness of Blood Urea Nitrogen/Creatinine Ratio (BUN/Cr) in Confirming and Localizing Gastrointestinal Bleeding in Dogs		J. Stiller
9:50 am	GI22		Increased Fecal Fatty Acid Concentrations in Dogs with Chronic Enteropathy Normalize with Treatment		J. Honneffer
12:15 am	GI23		A Retrospective Study of Granulomatous Gastritis in Miniature Dachshunds: 11 Cases		H. Igarashi
12:30 pm	GI24		Distribution of Regulatory T Cells in Inflammatory Colorectal Polyps in Miniature Dachshunds		H. Igarashi
12:45 pm	GI25		Feeding a High Fiber Diet for Management of Acute Large Bowel Diarrhea in Shelter Dogs		M. Lappin
1:00 pm	GI26		Metabolomic Markers in Fecal Samples from Cats with Chronic Enteropathy		S. Marsilio
1:15 pm	GI27		Evaluation of Duodenal Perfusion by Contrast-Enhanced Ultrasonography in Dogs with Chronic Enteropathy and Intestinal Lymphoma		K. Nisa
3:35 pm	GI28		Dysbiosis in Dogs with Acute Diarrhea Treated with a Fecal Microbial Transplantation or an Antibiotic		Y. Minamoto
3:50 pm	GI29		Serum Fatty Acid Binding Protein 2 and 6 Concentrations in Dogs with Chronic Enteropathy		Y. Minamoto



ePOSTER Q&A SESSIONS

Small Animal Internal Medicine - Hematology

TIME	#	LOCATION	ABSTRACT TITLE	PRESENTING AUTHOR
9:35 pm	HM06	Theater 10	Therapeutic Monitoring of Rivaroxaban in Dogs Using Thromboelastography and Prothrombin Time	<i>J. Bae</i>
9:50 pm	HM07		Influence of Canine Donor Plasma Hemostatic Protein Concentration on Quality of Cryoprecipitate	<i>M. Drinkhouse</i>
12:15 pm	HM08		Retrospective Study of Canine Non-regenerative Immune Mediated Anemia in Japan	<i>M. Hisasue</i>
12:30 pm	HM09		Nucleated Erythrocytes and Anemia in Dogs with Systemic Inflammatory Response Syndrome: Could they Affect Outcome?	<i>G. Lubas</i>
12:45 pm	HM10		Rapid Decrease in Prednisolone Dosage Can Cause Early Recurrence of Immune-Mediated Thrombocytopenia in Dogs	<i>K. Morishita</i>
1:00 pm	HM11		Comparison of Fibrinolysis via Thromboelastography in Greyhounds versus Non-Greyhounds	<i>S. Shropshire</i>
1:15 pm	HM12		Viability of Two Platelet Agonist Reagents in Whole Blood Impedance Platelet Aggregometry in Dogs	<i>S. Shropshire</i>
3:35 pm	HM13		Effects of Irradiation and Leukoreduction on Down-regulation of CXCL-8 and Storage Lesion in Canine Blood	<i>H. Yang</i>

Small Animal Internal Medicine - Hepatology

TIME	#	LOCATION	ABSTRACT TITLE	PRESENTING AUTHOR
3:35 pm	HP07	Theater 8	Demographic Features, Characteristics and Risk Factors in a Retrospective Study of Hepatocellular Carcinoma in Dogs	<i>R. Leela-arporn</i>
3:50 pm	HP08		Serum Gastrin Concentrations in Dogs with Hepatic Disease	<i>J. Lidbury</i>

Small Animal Internal Medicine - Immunology

TIME	#	LOCATION	ABSTRACT TITLE	PRESENTING AUTHOR
12:45 pm	IM03	Theater 2	Neutrophil Myeloperoxidase Index in Dogs with Babesiosis	<i>A. Celliers</i>
1:00 pm	IM04		Analytical Validation of an Immunoturbidimetric Assay for the Measurement of Serum CRP Concentrations in Dogs	<i>M. Covin</i>
1:15 pm	IM05		Validation of a Clinically Applicable Flow Cytometric Assay for Detection of Immunoglobulin-Associated Platelets in Dogs	<i>S. Shropshire</i>
3:35 pm	IM06		Comparing RNA Quality and Quantity Extracted from Canine Blood Using Commercially Available RNA Extraction Kits	<i>D. Tesfamichael</i>

Small Animal Internal Medicine - Nephrology/Urology

TIME	#	LOCATION	ABSTRACT TITLE	PRESENTING AUTHOR
9:35 am	NU18	Theater 9	📌 Owner Survey of Amoxicillin-Clavulanic Acid Side Effects in Cats With and Without Azotemic CKD	<i>K. Benson</i>
9:50 am	NU19		📌 Feline Urinary Incontinence: A Retrospective Study of 39 Cases (2006-2017)	<i>K. Lonc</i>
12:15 pm	NU20		📌 Outcome in Dogs with Non-Steroidal Anti-Inflammatory Drug Toxicity Treated by Therapeutic Plasma Exchange	<i>M. Rosenthal</i>
12:30 pm	NU21		Vitamin D Metabolites in Chronic Kidney Disease Cats with Nephrolithiasis	<i>M. Kogika</i>
12:45 pm	NU22		Evaluation of an Herbal Compound Used to Manage Lower Urinary Tract Disease in Healthy Cats	<i>C. English</i>
1:00 pm	NU23		The Prognostic Factors in Cats with Big Kidney Little Kidney Syndrome	<i>P. Huang</i>
1:15 pm	NU24		Expression Profile of Matrix Metalloproteinase-9, Neutrophil Gelatinase-associated Lipocalin and Hemojuvelin in Cat with Urinary Diseases	<i>H. Jing</i>
3:35 pm	NU25		Hyperammonemia in Cats with Renal Azotemia	<i>D. Kelley</i>
3:50 pm	NU26		Symmetric Dimethylarginine Concentrations in Dogs with IRIS Stage 4 Chronic Kidney Disease Undergoing Intermittent Hemodialysis	<i>A. Le Sueur</i>



THURSDAY, JUNE 14

ACVIM^{FORUM} 2018



ePOSTER Q&A SESSIONS

Small Animal Internal Medicine - Other

TIME	#	LOCATION	ABSTRACT TITLE	PRESENTING AUTHOR
12:15 pm	OT06	Theater 8	Computed Tomographic Appearance of Abdominal Lymph Nodes in Healthy Cats	<i>S. Secrest</i>
12:30 pm	OT07		Intravenous Fluid Prescribing Rates for Dogs at a Veterinary Teaching Hospital	<i>M. Verschoor-Kirss</i>
12:45 pm	OT08		The Effects of 3% Hydroxyethyl Starch-Hypertonic Saline on Resuscitation of Dogs in Controlled Hemorrhagic Shock	<i>W. Kim</i>
1:00 pm	OT09		Urinary F2-Isoprostanes: A Comparison of Two Methods for Measurement in Cats	<i>A. Woolcock</i>
1:15 pm	OT10		Canine Mesenchymal Stem Cells Pre-Treated with TNF- α /IFN- γ Enhance Anti-Inflammatory Effects by Up-Regulating the COX-2/PGE2 Pathway	<i>W. Song</i>

Small Animal Internal Medicine - Pharmacology

TIME	#	LOCATION	ABSTRACT TITLE	PRESENTING AUTHOR
9:50 am	P07	Theater 8	Pharmacokinetics of Oral Fluconazole in a Clinical Population of Dogs and Cats	<i>K. KuKanich</i>

Small Animal Internal Medicine - Respiratory

TIME	#	LOCATION	ABSTRACT TITLE	PRESENTING AUTHOR
9:35 am	R07	Theater 8	➔ Comparison of Propofol and Alfaxalone Induction Anesthesia for Evaluation of Laryngeal Function in Healthy Dogs	<i>P. Pan</i>

ACVIM^{FORUM}
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WINE & CHEESE
HAPPY HOUR

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THURSDAY, JUNE 14 // 5:45-7:00 PM // WSCC HALLS AB



Join us in the *Solutions Center* for this signature event. With a full schedule throughout the day, make sure to take advantage of this occasion to connect with your peers and dedicate some extra time to visit with conference exhibitors. All this is available while enjoying some wine and cheese.

JOIN US FOR
COLLEAGUES
&
COCKTAILS













FRIDAY, JUNE 15 // 5:45-7:00 PM
SHERATON GRAND BALLROOM

Looking for a spot to meet up with your friends prior to hitting the town on Friday night? Join us for a quick drink and mingle with fellow attendees before you head out to explore the dining options in Seattle. This is the perfect first stop in your evening plans.




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ACVIM MEETINGS & EVENTS

Time		Event	Location	Sponsor(s)
6:30-7:50 am		Forum Program Committee Meeting (AASIGs)	Sheraton Greenwood	
6:30 am-9:00 pm		Interactive Sessions	See pages 66-67	
7:00 am-7:00 pm		Registration	WSCC Atrium Lobby - 4th Floor	
7:00 am-7:00 pm		Speaker Headquarters	WSCC 605/610	
7:00 am-7:00 pm		Candidate Lounge	WSCC 401	
7:00 am-7:00 pm		Specialists Lounge	WSCC 4C-1	
7:30 am-4:30 pm		Technology Zone <i>(Available other times throughout the conference unmanned)</i>	WSCC 6th Floor Lobby	
8:00 am-6:15 pm		Research Abstracts	See pages 68-71	
8:00 am-6:00 pm		Scientific Sessions	See pages 62-65	
8:00 am-6:00 pm		Technician Program	See page 66	
9:30 am-4:30 pm		Solutions Center <i>(Visit with exhibitors, attend ePoster Q&A sessions and much more!)</i>	WSCC Halls AB	
9:50-10:20 am		Beverage Break	WSCC Halls AB	
9:50 am-4:05 pm	 	ePoster Q&A Sessions	See pages 72-75	
12:15-1:30 pm		ACVIM Membership Luncheon and Awards Ceremony	WSCC Ballroom 6E	
2:00-3:00 pm		Friends of Dr. Bob and Bill W. Meeting	WSCC 304	
3:30-4:10 pm		Beverage Break	WSCC Halls AB	
6:00-7:30 pm		Colleagues & Cocktails	Sheraton Grand Ballroom	
7:00-11:00 pm		Neurology Specialty Reception	OFFSITE - The Brave Horse Tavern	

OTHER ORGANIZATION MEETINGS & EVENTS

Time	Event	Location	Sponsor(s)
11:00 am-2:30 pm	Cummings School of Veterinary Medicine at Tufts University Alumni Luncheon	WSCC 211	
12:10-1:40 pm	ASVNU Annual Business Luncheon	WSCC 201	
5:00-7:30 pm	American College of Veterinary Clinical Pharmacology	WSCC 204	
6:00-10:00 pm	AVHTM Annual Business Meeting & Scientific Presentations	OFFSITE - Stout Pub (1530 11th Ave.)	
7:00-9:00 pm	Stokes Reception	Sheraton Willow	

SCIENTIFIC SESSIONS • MORNING SESSIONS


	8:00-8:50 am	9:00-9:50 am	10:20-11:10 am	11:20 am-12:10 pm
Business Management WSCC 310	Culture: Every Practice Has One – Is It The One You Want? <i>W. Hauser</i>	Mastering Critical Conversation and Feedback <i>W. Hauser</i>	The Darker Sides of Caring: Accommodation, Appeasement, Masochism and Martyrdom in Clinical Practice <i>M. Gaspar</i>	Development of a Social Work Program in a Veterinary Specialty Hospital <i>S. Brackenridge</i>
				
Cardiology WSCC Ballroom 6A	Hemodynamic Monitoring and Case Studies <i>B. Keene</i>		Patent Ductus Arteriosus in Review: More Than 10 years With the Amplatz Canine Duct Occluder and PDA Survey Results <i>A. Saunders</i>	Using Genetic Tests to Prospectively Manage Cardiac Cases <i>K. Meurs</i>
Equine / ECEIM (Equine) WSCC 616/617	Genetic Testing in Equines <i>C. Cole</i>	Best From ECEIM Congress <i>A. Durham</i>	Navigating the Minefield of Diagnostic Tests for Equine Endocrinopathic Laminitis <i>A. Durham</i>	An Up-to-date Approach to Investigating Equine Liver Disease <i>A. Durham</i>
Equine Research Reports WSCC 618/619	Combined Antigen A and C Serologic Response in Horses Vaccinated Intranasally for Strangles <i>A. Boyle</i>	Characterization of Hypermucoviscous/hypervirulent Klebsiella Pneumoniae Isolated From Horses With Severe Pneumonia <i>B. Byrne</i>	Equine Parvovirus-Hepatitis in Horses with Theilers Disease, a Prospective Case Series (2014-2017) <i>J. Tomlinson</i>	Symmetric Dimethylarginine and Creatinine Concentrations in Draft Horse Breeds <i>H. Schott</i>
	Propidium Monoazide: Quantitative Realtime Polymerase Chain Reaction for the Detection of Viable Streptococcus equi <i>A. Boyle</i>	Identification of Enterococcus durans as a Cause of Neonatal Diarrhea on a Thoroughbred Breeding Farm <i>N. Slovis</i>	Proportional Morbidity Rate (1990-2015) and Practitioners Perceptions of Equine Protozoal Myeloencephalitis (EPM) in North America <i>F. Andrews</i>	Clinical, Clinicopathologic and Radiographic Findings in Horses with Eosinophilic Airway Disease <i>K. Estell</i>
FAIM WSCC 303	Management Strategies to Enhance Production Efficiency in High Yielding Dairy Farms <i>S. Astiz Blanco</i>	Reproduction in High Yielding Dairy Farms: Learning From Their Own Data <i>S. Astiz Blanco</i>	Case Discussion: Abdominal Ultrasound in Cattle <i>C. Gerspach</i>	Overview of Bovine Salmonellosis <i>C. Holschbach</i>
Neurology WSCC 4C-4	Feline Hypophysectomy For the Treatment of Hypersomatotropism <i>J. Fenn</i>	Clinical Relevance of Thoracic Vertebral Malformations <i>S. De Decker</i>	Excitable Membranes: Alterations Causing Neurologic Disease <i>D. O'Brien</i>	Non-Convulsive Status Epilepticus <i>W. Bush</i>
Oncology WSCC 613/614	Canine Nasal Tumors: An Assessment of the Evidence Base for Stereotactic Radiotherapy <i>M. Nolan</i>	Prognostication and Treatment of Canine Mast Cell Tumors <i>L. Garrett</i>	Management and Treatment of Chemotherapy Induced Neutropenia In Dogs and Cats <i>E. Warry</i>	Understanding and Countering Tumor Acidity: Clinical Results and Future Perspectives <i>E. Spugnini</i>
Oncology Research Reports WSCC 620	Thymoma in Dogs, Cats, and Rabbits: One Tumor, Three Scenarios <i>M. Dolera</i>	Creation of Stereotactic Radiosurgery Target Volumes in Patients with Marginally Resected Tumors using Liquid Fiducial <i>G. Mauldin</i>	Phase-I Clinical Trial of the Dual PI3K/mTOR Inhibitor VDC-597 in Dogs with Spontaneous Neoplasia <i>D. Thamm</i>	Safety Evaluation of Multiple Intravenous Administrations of Immunocidin® in Cats and Dogs with Malignancies <i>J. Kelly</i>
	Impact of a Novel Diet on Quality of Life in Dogs Receiving Chemotherapy <i>C. Heinze</i>	Volumetric Modulated Arc (Radio) Therapy in Pets Treatment: the La Cittadina Fondazione Experience <i>M. Dolera</i>	Rabacfosadine for Naive Canine Lymphoma: Efficacy and Adverse Event Profile Across 3 Studies <i>C. Saba</i>	Prospective Trial of Amputation and Single-Agent Oral Toleranib in Dogs with Treatment-Naïve Appendicular Osteosarcoma <i>M. Giuffrida</i>

VISIT THE SOLUTIONS CENTER

SCIENTIFIC SESSIONS • MORNING SESSIONS

	8:00-8:50 am	9:00-9:50 am		10:20-11:10 am	11:20 am-12:10 pm
SAIM WSCC 608/609	Understanding the Genetics and Neurobiology of Obesity: Theory and Clinical Application <i>E. Raffan</i>	Physiology and Clinical Applications of Growth Hormone Secretagogue <i>L. Rhodes</i>		Hyperthyroidism and Urinary Disease <i>J. Bartges</i> Hyperthyroidism: Cardiac Disease <i>A. Coleman</i>	Insulin Degludec, Insulin Glargine U300, and Other Novel Insulin Formulations <i>C. Gilor</i>
SAIM WSCC 606/607	Homemade Dog and Cat Food <i>S. Delaney</i>	Raw Food Diets For Dogs and Cats <i>J. Larsen</i>		The Role of Water in Disease Management <i>J. Larsen</i>	The Role of Vitamin D in the Non-skeletal Health of Pets <i>R. Mellanby</i>
SAIM Research Reports WSCC 4C-3	Functional Characterization of Enteroids/Colonoids from Endoscopically Obtained Biopsies in Healthy and Diseased Dogs <i>K. Allenspach</i> Frequency of Oral Famotidine Administration Determines the Development of Tolerance in Cats <i>M. Tolbert</i>	Individualized Radioiodine Treatment of Cats With Hyperthyroidism: Dosing Algorithm to Reduce Hypothyroidism Without Reducing Success <i>M. Peterson</i> Impaired Glucagon Responses to Hypoglycemia in Diabetic Dogs are Associated with Decreased Sympathetic Neuronal Activation <i>C. Gilor</i>	VISIT THE SOLUTIONS CENTER	Botulinum Toxin-A Injections and Mechanical Dilation: Novel Treatment of Canine Lower Esophageal Sphincter Achalasia-like Syndrome <i>M. Grobman</i> Inducible Nitric Oxide Synthase Expression is Upregulated in the Kidneys of Chronic Kidney Disease Cats <i>J. Quimby</i> 	Changes in S-dimethylarginine and Glomerular Filtration Rates in Hyperthyroid Cats Undergoing Radioiodine (I-131) Therapy <i>J. Palerme</i> Efficacy of Oral Telmisartan for the Treatment of Systemic Hypertension in Cats <i>A. Coleman</i>
CGS (LIVER-SAIM) WSCC Ballroom 6B	Copper Associated Liver Disease in Humans <i>F. Askari</i>	Copper Associated Liver Disease in Dogs <i>K. Dirksen</i>		Immune Hepatitis in Humans <i>J. Vierling</i>	Immune Hepatitis in Dogs <i>C. Webster</i>
ACVCP/AAVPT (SAIM) WSCC Ballroom 6C	Conducting Clinical Trials in Practice <i>L. Rausch-Derra</i>	The Current State of Compounded Medications and How It Affects Your Practice <i>L. Eichstadt Forsythe</i>		Antibiotic Resistance in Small Animals: What is the Risk From Antibiotics Administered to Companion Animals? <i>M. Papich</i>	Analgesic Medications for Small Animals: What to Use Beyond NSAIDs? <i>M. Papich</i>
ASVCP (SAIM) WSCC 611/612	Developing Biomarkers That Actually Work <i>U. Jeffery</i>	Personalized Medicine for Small Animal Coagulation Disorders <i>U. Jeffery</i>		Update on Renal Biomarkers <i>J. Hokamp</i>	Whole Slide Imaging: Review of New Modalities for Quantification of Biomarkers in Histopathology <i>S. Dial</i>
SAIM WSCC 307/308	Research Abstracts - Hematology	Research Abstracts - Hematology/Other		Research Abstracts - Nephrology/Urology	Research Abstracts - Nephrology/Urology
SAIM WSCC 615	Research Abstracts - Respiratory	Research Abstracts - Respiratory		Research Abstracts - Pharmacology	Research Abstracts - Pharmacology/Other

SCIENTIFIC SESSIONS • AFTERNOON SESSIONS

	1:40-2:30 pm	2:40-3:30 pm		4:10-5:00 pm	5:10-6:00 pm
Cardiology WSCC 6A	The Cardiovascular Effects of Steroids <i>J. Ward</i>	Twelve-lead Electrocardiogram in Dogs: When and How To Use Precordial Leads <i>R. Santilli</i>		Approach To the Diagnosis of Wide QRS Complex Tachycardias <i>R. Pariaut</i>	Antiarrhythmics vs Catheter Ablation: Candidate Selection <i>R. Pariaut, R. Santilli</i>
Cardiology WSCC 613/614	* Research Abstracts	* Research Abstracts		* Research Abstracts	* Research Abstracts
Equine WSCC 618/619	Assessment of Chronic Stress in the Horse with a Focus on the ACTH-stimulation Test <i>V. Gerber</i>	The Potential Role of Real-time Three Dimensional Echocardiography in Equine Cardiology <i>J. Keen</i>		Heart Rate Variability Analysis in Horses <i>K. Mitchell</i>	How to Analyze Exercising ECGs <i>K. Mitchell, C. Schwarzwald</i>
Equine WSCC 615	* Research Abstracts	* Research Abstracts		* Research Abstracts	* Research Abstracts
FAIM WSCC 303	Antimicrobial Sensitivity Patterns of Bovine Salmonellosis <i>K. Poulsen</i>	A One Health Approach to Management of an Ongoing Multi-state Salmonella Heidelberg Outbreak <i>D. Sockett</i>		Key Biosecurity Practices Linked to Salmonella Heidelberg Presence on Wisconsin Cattle Operations <i>J. Lombard</i>	Salmonella Panel Discussion <i>K. Poulsen, D. Sockett, J. Lombard, C. Holschbach</i>
FAIM WSCC 310	* Research Abstracts	Research Reports Selenium in Cow-Calf pairs and Gamma-Globulin Status in Neonates in Beef Farms in Switzerland <i>M. Meylan</i> Extended Meloxicam Therapy Improves Behavioral and Performance Parameters of Beef Calves Infected with Mannheimia haemolytica <i>M. Caldwell</i>	VISIT THE SOLUTIONS CENTER	Research Reports Characterization of Cell Dedicated Immune Responses in Stressed and Unstressed Beef Calves <i>B. Credille</i> Comparative Efficacies of Enrofloxacin and Tulathromycin for the Control of Respiratory Disease in Beef Cattle <i>B. Credille</i>	Research Reports Inter-Operator Agreement of Thoracic Ultrasound Interpretation in Feedlot Cattle with Naturally Occurring Respiratory Disease <i>S. Buczinski</i> Pharmacokinetics of Tulathromycin in Healthy Goats and Goats with Experimentally-Induced Respiratory Disease <i>J. Smith</i>
Neurology WSCC 608/609	* Clinical Avian Neuroanatomy and the Neurologic Examination <i>D. Hague</i>	* Chiari-like Malformation and Syringomyelia <i>C. Rusbridge</i>		* Acupuncture and Traditional Chinese Veterinary Medicine for Small Animal Neurological Disorders <i>P. Roynard, L. Frank</i>	* Anti-nerve Growth Factor Monoclonal Antibodies for the Control of Pain in Dogs and Cats <i>D. Lascelles</i>
Neurology WSCC 620	Molecular Targets and Pathobiology of Inherited and Breed-related Neuropathies <i>K. Matiasek</i>	A Platform Trial Design on Canine Degenerative Myelopathy <i>J. Coates, S. Moore</i>		Gait Analysis in Veterinary Medicine <i>K. Foss</i>	Neuropathology Online Tutorial for ECVN/ACVIM (Neurology) Residents <i>K. Matiasek</i>
Oncology WSCC 611/612	Panel Discussion: What Clinical Oncologists Would Like To See When New Treatments or Diagnostics Are Commercialized <i>C. Johannes, D. Vail, D. Thamm, M. Klein, C. Clifford, P. Bergman</i> 	Cancer Treatment-related Pain: Implications for Clinical Care <i>M. Nolan</i>		Novel Canine Lymphoma Therapies <i>D. Thamm</i>	Client Satisfaction vs Client Experience: Best Practices in Human Healthcare <i>S. Gillings</i>

SCIENTIFIC SESSIONS • AFTERNOON SESSIONS

	1:40-2:30 pm	2:40-3:30 pm		4:10-5:00 pm	5:10-6:00 pm
SAIM WSCC 4C-4	Clinical Implications of Multiplexed Cytokine Analysis in Canine Diseases <i>A. Mexas</i>	SOTA: Molecular Imaging for Infectious Diseases: Biosafety "Barriers" in the Laboratory <i>S. Jain</i>	VISIT THE SOLUTIONS CENTER	Tick-Borne Relapsing Fever in Dogs <i>J. Piccione</i>	ACVIM Lyme Consensus Update <i>M. Littman</i>
SAIM WSCC Ballroom 6C	Interstitial Lung Diseases in Dogs and Cats <i>C. Reinero</i>	Pulmonary Hypertension: An Internist's Perspective <i>C. Reinero</i>		Feline Anemias <i>U. Giger</i>	Feline Transfusion Therapy and Blood Compatibility <i>U. Giger</i>
AVHTM (SAIM) WSCC 606/607	Fresh Frozen Plasma: A Case-based Discussion <i>M. Holowaychuk, J. Walker</i>	A Clinician and Diagnostician's Approach to the Challenging Bleeding Patient <i>M. Brooks, R. Goggs</i>		Platelet Transfusions in Humans <i>S. Slichter</i>	Autoimmune Thrombocytopenia in Humans <i>T. Gernsheimer</i>
CGS (SAIM) WSCC Ballroom 6B	The Importance of the Upper Esophageal Sphincter in Health and Disease <i>P. Belafsky</i>	Using Biomechanics and Physiologic Testing to Alter Management of Esophageal Diseases <i>J. Pandolfino</i>		Functional Disorders of the Canine Esophagus: From Bench-top to Cage-side <i>S. Marks</i>	Case-based Discussion: Rational Approach to Diagnostic Testing/Management in Human and Canine Esophageal Disease <i>S. Marks, P. Belafsky, J. Pandolfino</i>
SCE (SAIM) WSCC 4C-3	The Role of the Brain in Energy Balance and Obesity <i>J. Thaler</i>	The Role of the Brain in Glucose Regulation <i>G. Morton</i>		The Role of the Autonomic Nervous System in Hypoglycemia <i>P. Havel</i>	The Role of the Islet in Diabetes <i>R. Hull</i>
SAIM WSCC 616/617	* Research Abstracts - Nephrology-Urology	* Research Abstracts - Nephrology-Urology		* Research Abstracts - Nephrology-Urology/Hepatology	* Research Abstracts - Hepatology




TECHNICIAN PROGRAM • MORNING SESSIONS

	8:00-8:50 am	9:00-9:50 am		10:20-11:10 am	11:20 am-12:10 pm
Oncology WSCC 3B Cardiology WSCC 3B	Understanding Chemotherapy Administration, Reconstitution, and Storage <i>M. Musser</i>	Management and Treatment of Chemotherapy Induced Neutropenia (CIN) in Dogs and Cats <i>E. Warry</i>	SOLUTIONS CENTER	Managing Cardiac Disease with Nutrition <i>K. Hohnadel, C. Panning</i>	A Day in the Cardiology Department With a Diplomate and a VTS <i>K. Garcia, J. Goodwin</i>
SAIM/SAIM - Nutrition WSCC 2AB	Anesthesia for the Small Animal Internal Medicine Patient <i>J. Boyle</i>	Coccidiomycosis: The Fungal Disease of the SW <i>C. Waxman</i>		Client Communication: The Key Nutritional Recommendation Compliance <i>E. Carlson</i>	Chronic Kidney Disease: Current Recommendations <i>E. Carlson</i>












TECHNICIAN PROGRAM • AFTERNOON SESSIONS

	1:40-2:30 pm	2:40-3:30 pm		4:10-5:00 pm	5:10-6:00 pm
SAIM - Transfusion WSCC 3B Neurology WSCC 3B	Therapeutic Plasma Exchange <i>S. Hunter</i>	Mythbusters 2018: Even Bloodier Truths and Myths of Transfusion Medicine <i>K. Yagi</i>	SOLUTIONS CENTER	MRI Interpretation: Brain & Spinal Cord <i>T. Bentley</i>	Myasthenia Gravis <i>J. Weber</i>
Cardiology WSCC 2AB SAIM WSCC 2AB	Anesthesia for Cardiology Patients <i>K. Hohnadel</i>	Blood Pressure Measurement and Abnormal Blood Pressure <i>E. Durham</i>		Body Cavity Centesis: Review of Techniques: Pleural, Pericardial and Abdomen <i>E. Durham</i>	Cachexia and the Chronically Ill Patient <i>A. Wortinger</i>

INTERACTIVE SESSIONS • MORNING SESSIONS

Time	Track/ Session Type	Session Title • Speaker	Location	Sponsor(s)
6:30-8:00 am	SAIM/ Commercial Presentation	 Pre-Trilostane, Baseline or Stim: Which Is the Best Method to Check Cortisol Levels? <i>(Breakfast Included)</i> • <i>A. Cook</i>	Sheraton Metropolitan Ballroom	
6:30-8:00 am	Multispecialty/ Commercial Presentation	 Causes, Cases, and Management of Inappetence: Therapeutic Options <i>(Breakfast Included)</i> • <i>J. Bartges</i>	Sheraton Grand Ballroom A	
8:00 am-12:00 pm	SAIM/ Workshop	  Tracheal and Urethral Stent Laboratory • <i>A. Berent, C. Weisse, A. Radhakrishnan</i>	WSCC 203	
9:55-10:20 am	SAIM/ Knowledge Corner	Value of the Urinalysis in the Geriatric Patient • <i>J. Byron</i>	WSCC 4C-2	

INTERACTIVE SESSIONS • AFTERNOON SESSIONS

Time	Track/ Session Type	Session Title • Speaker	Location	Sponsor(s)
12:15-1:30 pm	Multispecialty/ Lunch and Learn	✓ De-bunking the Myth of Work-Life Balance: How to 'Integrate' Instead • <i>W. Hauser</i>	Sheraton Grand Ballroom A	 CareCredit Making care possible...today.
12:15-1:30 pm	Multispecialty/ SIG	✓ ISCAID Luncheon and General Business Meeting • <i>L. Kidd</i>	Sheraton Willow	
12:15-1:30 pm	Equine/SIG	✓ Equine Internal Medicine Specialists in Private Practice • <i>A. Polkes, C. Clark</i>	WSCC 3A	 
12:15-1:30 pm	Multispecialty/ Technician Luncheon	✓ Cushing's: Communication and Compliance • <i>A. Cook</i>	Sheraton Metropolitan Ballroom	
12:25-12:50 pm	Cardiology/ Knowledge Corner	New Cardiology Ultrasound Innovations • <i>M. McElroy</i>	WSCC 4C-2	
1:05-1:30 pm	Multispecialty/ Knowledge Corner	Flat Faced n' Brachycephalic – An Update • <i>B. McKiernan</i>	WSCC 4C-2	
1:40-3:30 pm	Neurology/ Technician Workshop	✓ VT An In-depth Look at the Neurologic Patient: Interactive Technician Workshop • <i>J. Nettifee, E. Wright, C. Weaver, C. Reese, R. Loreda, J. Weber</i>	Sheraton Grand Ballroom D	
3:40-4:05 pm	SAIM/ Knowledge Corner	Prevention of Urinary Tract Infections in Dogs & Cats • <i>G. Oswald</i>	WSCC 4C-2	
4:00-6:00 pm	SAIM/ Workshop	✓ Indications and Techniques for GI Endoscopy in Dogs and Cats • <i>A. Jergens</i>	WSCC 203	
7:30-9:30 pm	Multispecialty/ SIG	Society for Comparative Endocrinology • <i>C. Gilor</i>	WSCC 3A	
7:30-9:30 pm	Multispecialty/ SIG	Liver Study Group • <i>M. Forman, D. Twedt, D. Burney, T. Bolton</i>	WSCC 3B	
7:30-9:30 pm	Equine/ Cardiology	SIG: Equine Cardiology • <i>C. Navas, V. Reef, J. Bonagura</i>	WSCC 303	

RESEARCH ABSTRACTS

Cardiology (SAIM)

TIME	#	LOCATION	ABSTRACT TITLE	PRESENTING AUTHOR
1:30 pm	C12	WSSC 613/614	Effects of BNP-32 in Dogs with Congestive Heart Failure Due to Myxomatous Mitral Valve Disease	M. Yata
1:45 pm	C13		Natural History of Cardiomyopathy in Adult Dogs with Golden Retriever Muscular Dystrophy	L. Guo
2:00 pm	C14		Acute Phase Proteins in Cats with Congestive Heart Failure Due to Primary Cardiomyopathy	M. Liu
2:15 pm	C15		Pancreatic Injury in Cats with Primary Cardiomyopathy	L. Duler
2:30 pm	C16		Left Atrial Size and Volume in Cats with Cardiomyopathy with and without Congestive Heart Failure	L. Duler
2:45 pm	C17		Is Progression of Murmur Intensity Associated with the Rate of Remodelling in Mitral Valve Disease?	J. Wilshaw
3:00 pm	C18		Speckle Tracking Echocardiography in Adult Turkish Kangal Dogs	O. Terzi
3:15 pm	C19		Associations Between Echocardiography, Cardiac Biomarkers, Insulin Metabolism, Morphology and Inflammation In Feline Asymptomatic Hypertrophic Cardiomyopathy	I. van Hoek
4:15 pm	C20		Outcome of Dogs with Mitral Valve Disease with Medical Therapy or Surgical Repair	N. Kanno
4:30 pm	C21		Phrenic Nerve Palsy Following Mitral Valve Repair in Dogs	K. Mamada
4:45 pm	C22		Evidence of Endothelial-to-Mesenchymal Transition In Canine Degenerative Mitral Valves	K. Abbott-Johnson
5:00 pm	C23		Comparison of In-Hospital Non-Recordable Telemetry Versus Recordable Holter Monitoring in Dogs with Arrhythmias	A. Teslenko

Equine

TIME	#	LOCATION	ABSTRACT TITLE	PRESENTING AUTHOR
1:30 pm	E25	WSSC 615	⬆ A Comparison of the Stability of Equine Blood D-Lactate in Sodium Fluoride and Serum Tubes	V. Ragno
1:45 pm	E26		Activated Platelets and Platelet-Leukocyte-Aggregates in Equine Systemic Inflammatory Response Syndrome	K. Roscher
2:00 pm	E27		First Detection and Frequent Occurrence of Equine Hepacivirus in Horses on the African Continent	M. Badenhorst
2:15 pm	E28		⬆ Validation of an In-Clinic Enzyme-Linked Immunosorbent Assay for Diagnosis of Leptospirosis in Horses	E. Gorenberg
2:30 pm	E29		⬆ Prevalence of Equine Leptospiral Shedding using Urine Polymerase Chain Reaction and Serum Microscopic Agglutination Testing	A. Trimble
2:45 pm	E30		Nasal Bacterial Microbiota of Adult Horses Shedding Equine Herpes Virus 1	D. Gomez-Nieto
3:00 pm	E31		Very High Streptococcus equi Subspecies equi M Protein Titers ($\geq 1:12,800$) with and without Complications Post-Outbreak	K. Delph
3:15 pm	E32		Medical Treatment of Dorsal Displacement of the Soft Palate in Sport Horses	F. ter Woort
4:15 pm	E33		Pharmacokinetics of Maropitant Citrate in Horses	E. Berryhill
4:30 pm	E34		Effect of Soluble Epoxide Hydrolase Inhibitor, t-TUCB, on Recovery of Ischemic Injured Porcine Jejunum	A. Carlson
4:45 pm	E35		Pharmacokinetics of 4-Methylaminoantipyrine, the Active Metabolite of Dipyrone, in the Horse	J. Davis
5:00 pm	E36		Susceptibility of Horses and Sheep to Hypoglycin A Intoxication: In/Ex Vivo Bioavailability and Cellular Effects	S. Gonzalez-Medina
5:15 pm	E37		Effect of Different Antimicrobial Treatment Regimes on Occurrence of Fecal Extended- Spectrum β -Lactamase-Producing Enterobacteriaceae	A. Schoster
5:30 pm	E38		Inflammatory Effect of Mitochondrial Fragments in Equine Whole Blood	J. Bauquier

RESEARCH ABSTRACTS

Food Animal

TIME	#	LOCATION	ABSTRACT TITLE	PRESENTING AUTHOR
1:30 pm	F09	WSCC 310	➡ Prognostic Indicators in Downer Cows Presented to a Hospital: Retrospective Study	<i>M. Bilodeau</i>
1:45 pm	F10		➡ Pharmacokinetics of Tulathromycin in the Fetal and Maternal Compartments of Sheep	<i>E. MacKay</i>
2:00 pm	F11		➡ Sodium Iodide as a Preventative Strategy against Respiratory Disease in Pre-Weaned Dairy Calves	<i>L. Gamsjaeger</i>
2:15 pm	F12		Accuracy of Systematic Thoracic Ultrasound for Diagnosis of Active Pneumonia in Pre-Weaned Calves	<i>J. Berman</i>

SAIM - Hematology

TIME	#	LOCATION	ABSTRACT TITLE	PRESENTING AUTHOR
8:00 am	HM01	WSCC 307/308	➡ Prevalence of Naturally Occurring non-AB Red Blood Cell Alloantibodies in Cats	<i>M. McClosky</i>
8:15 am	HM02		The Use of High-Dose IgM-Enriched Human Immunoglobulin in Canine Immune-Mediated Hemolytic Anemia	<i>J. Bestwick</i>
8:30 am	HM03		Educating Veterinary Students in an Intensive Care Unit: Impact of a Transfusion Reaction Learning Module	<i>J. Haines</i>
8:45 am	HM04		Evaluation of Two Apheresis Techniques for Plateletpheresis in the Dog	<i>A. Hale</i>
9:00 am	HM05		Comparison of Haemoglobin and Haematocrit Measurements Using Ear Prick and Venous Blood Samples in Dogs	<i>M. Lyraki</i>

SAIM - Hepatology

TIME	#	LOCATION	ABSTRACT TITLE	PRESENTING AUTHOR
4:45 pm	HP01	WSCC 616/617	➡ Bacterial Community Composition of Bile from Healthy Dogs and Dogs with Suspected Cholangitis or Mucocele	<i>A. Hartley</i>
5:00 pm	HP02		➡ Potential Serum Biomarkers of Hepatic Fibrosis and Necroinflammatory Activity in Dogs with Liver Disease	<i>C. Raghu</i>
5:15 pm	HP03		➡ The Evaluation of Cyclosporine in the Treatment of Chronic Hepatitis in Dogs	<i>T. Ullal</i>
5:30 pm	HP04		Serum Vitamin D Status in Cats with Cholestatic Hepatobiliary Disease	<i>C. Webster</i>
5:45 pm	HP05		Treatment of Canine Congenital Extrahepatic Portosystemic Shunts - A Systematic Review and Meta-Analysis	<i>G. Serrano</i>
6:00 pm	HP06		Is the Common Bile Duct Truly Obstructed or Not?	<i>C. Wang</i>

RESEARCH ABSTRACTS

SAIM - Nephrology/Urology

TIME	#	LOCATION	ABSTRACT TITLE	SPONSORED BY	PRESENTING AUTHOR
10:15 am	NU01	WSCC 307/308	Increase in Serum Symmetric Dimethylarginine Level Following Anesthesia in Dogs		M. Befu
10:30 am	NU02		Evaluation of Serum Symmetric Dimethylarginine in Dogs Naturally Infected by Leishmania infantum		F. dos Santos Muniz
10:45 am	NU03		Validation of an Point-of-Care Immunoassay for Measurement of Symmetric Dimethylarginine in Feline Serum	IDEXX	G. Bilbrough
11:00 am	NU04		Complications of Transurethral Ectopic Ureter Correction		T. McCarthy
11:15 am	NU05		Serum Calcification Propensity In Cats with Chronic Kidney Disease		H. van den Broek
11:30 am	NU06		Prospective Evaluation of the Incidence of Canine Hypercalciuria and iCa Concentration with Calcium Oxalate Urolithiasis		J. de Brito Galvao
11:45 am	NU07		Clinical Presentation and Prognosis of 77 Dogs Diagnosed with Focal Segmental Glomerulosclerosis by Renal Biopsy		S. Lorbach
1:30 pm	NU08	WSCC 616/617	⬆ Pre and Postprandial Urine Calcium-to-Creatinine Ratio to Identify Calcium Oxalate Urolithiasis in Miniature Schnauzers		S. Carr
1:45 pm	NU09		⬆ Population Characteristics and Clinical Presentation of Dogs with Biofilm-forming Escherichia coli Urinary Tract Infection		Z. Kern
2:00 pm	NU10		⬆ The Fecal Microbiome, Indoxyl Sulfate, and P-Cresol Sulfate in Cats with Stable Chronic Kidney Disease		S. Summers
2:15 pm	NU11		⬆ Assessment of Symmetric Dimethylarginine and Creatinine Concentrations in Cats with Urethral Obstructions		K. Wilson
2:30 pm	NU12		A Multi-Institutional Retrospective Study of 17 Cases of Histopathologically Confirmed Feline Pyelonephritis		A. Cheney
2:45 pm	NU13		Use of a Subcutaneous Ureteral Bypass Device for Treatment of Benign Ureteral Obstructions in Dogs		A. Berent
3:00 pm	NU14		Characterization of Hypoxia-Induced, Profibrotic Pathways in an Ischemic Model of Feline Chronic Kidney Disease		B. Lourenco
3:15 pm	NU15		Early Clinical Evaluation of Urethral Thermoplasty In The Treatment of Urinary Incontinence in Dogs		C. Palm
4:15 pm	NU16		Calcium Oxalate Urolithiasis in Juvenile Dogs		A. Saver
4:30 pm	NU17		Transcutaneous Assessment of Renal Function in Hyperthyroid Cats pre and post Radioiodine Treatment		S. Steinbach

SAIM - Other

TIME	#	LOCATION	ABSTRACT TITLE	PRESENTING AUTHOR
9:15 am	OT03	WSCC 307/308	Strategies to Improve Case Outcome When Referral is Not Affordable	A. Sullivant
11:45 am	OT04	WSCC 615	An Investigation into Multi-Organ Fibrosis in the Cavalier King Charles Spaniel	J. Warland
12:00 pm	OT05		Hereditary Deafness by BEAR Testing in Purebred Angora Cats	N. Keskin

SAIM - Pharmacology

TIME	#	LOCATION	ABSTRACT TITLE	PRESENTING AUTHOR
10:15 am	P01	WSCC 615	Localization and Quantification of Cannabinoid Receptors in Canine Tissue	M. Miller
10:30 am	P02		Effect of Glutathione on Itraconazole-Induced Cytotoxicity in Canine Hepatocytes	J. Reinhart
10:45 am	P03		Pharmacodynamics of Mycophenolate Mofetil after Multi-Dose Oral Administration in 10 Healthy Cats	J. Slovak
11:00 am	P04		Genetic Polymorphisms in CYP3A12 and Clinical Outcomes of Vinblastine Chemotherapy in Dogs with Mastocytoma	K. Thungrat
11:15 am	P05		Therapeutic Drug Monitoring and Population Analysis of Cyclosporine in Dogs with Immune-Mediated Diseases	K. Thungrat
11:30 am	P06		Is SDMA a Wonder Biomarker for Detecting Kidney Disease in Cats?	N. Villarino

RESEARCH ABSTRACTS

SAIM - Respiratory

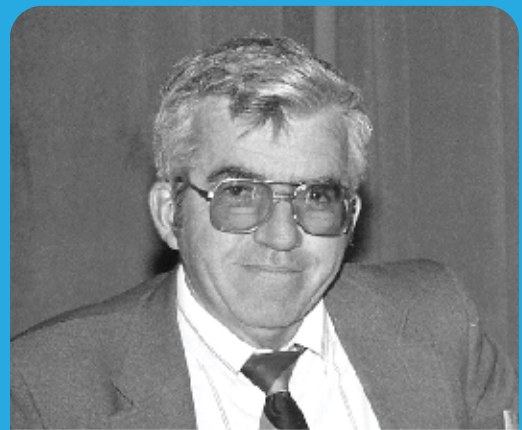
TIME	#	LOCATION	ABSTRACT TITLE	PRESENTING AUTHOR
8:00 am	R01	WSCC 615	➔ Blood Cultures As Minimally Invasive Surrogates in Diagnosis of Canine Bacterial Pneumonia: A Pilot Study	<i>A. Vientós-Plotts</i>
8:15 am	R02		Development of Novel Thoracic Radiographic Measurements for Discrimination of Feline Mediastinal Masses versus Pleural Effusion	<i>K. Belanger</i>
8:30 am	R03		Comparison of Two Aerosolized Gentamicin Protocols for Bordetella Bronchiseptica Lower Airway Infection in Dogs	<i>M. Canonne</i>
8:45 am	R04		Aerodigestive Disorders Identified in Dogs Evaluated for Cough Using Videofluoroscopic Swallow Studies	<i>M. Grobman</i>
9:00 am	R05		Tracheal Stent Following Tracheal Rings for Management of Tracheal Collapse 9 Cases: (2010-2017)	<i>N. Squire</i>
9:15 am	R06		Epiglottic Retroversion: Concurrent Diseases, Management, and Outcome in 13 Cases (2012-2017)	<i>A. Taylor</i>

ACVIM^{FORUM}
2018Membership Luncheon
and Awards Ceremony

Friday, June 15
12:15-1:30 pm
WSCC Ballroom 6E

Don't miss the presentation of the prestigious Robert W. Kirk Award for Professional Excellence and the ACVIM Distinguished Service Award. These awards are the "Oscars" of the ACVIM and the touching videos are always the highlight of the event.

Make sure to bring your drawing ticket for a chance to win an iPad!



We will also be sharing a special remembrance in honor of Dr. Lee Pyle – one of ACVIM's founding fathers who also served as the first ACVIM Executive Director.



ePOSTER Q&A SESSIONS

Cardiology

TIME	#	LOCATION	ABSTRACT TITLE	PRESENTING AUTHOR
9:50 am	C37	Theater 1	Changes of Blood Gas Characteristics During Open Heart Surgery	<i>M. Enokizono</i>
10:05 am	C38		Effect of Hemodialysis during Cardiopulmonary Bypass in Dogs with Azotemia Undergoing Mitral Valve Plasty	<i>K. Matsuura</i>
12:15 pm	C39		Thyroid Hormone and Cardiopulmonary Bypass in Dogs	<i>N. Kanno</i>
12:30 pm	C40		Clinicopathologic, Hemodynamic, and Echocardiographic Effects of Anti-Inflammatory Glucocorticoids in Systemically Healthy Cats	<i>I. Khelik</i>
12:45 pm	C41		Reversal Effect of Toceranib Versus Sorafenib on Monocrotaline-Induced Pulmonary Arterial Hypertension in Rats	<i>Z. Leong</i>
1:00 pm	C42		The Effects of Obesity on Cardiovascular Parameters in Cats	<i>M. Lourenço</i>
1:15 pm	C43		Heart Rate and Heart Rate Variability in Pregnant Dairy Cows and in Fetuses	<i>M. Lourenço</i>
3:35 pm	C44		Heart Rate Variability Assessment in Foals Undergoing Hoof Trimming with Use of Equine Maternal Pheromones	<i>M. Lourenço</i>
3:50 pm	C45	Theater 2	Heart Rate and Heart Rate Variability in Pregnant American Miniature Horse Mares	<i>M. Lourenço</i>
9:35 am	C46		Cardiovascular-Renal Axis Disorder in Cats with Congestive Heart Failure Due to Primary Cardiomyopathy	<i>M. Liu</i>
9:50 am	C47		Familial Ventricular Arrhythmias in the Rhodesian Ridgeback	<i>K. Meurs</i>
12:15 pm	C48		Platelet Function in Dogs with Myxomatous Mitral Valve Disease	<i>T. Mizuno</i>
12:30 pm	C49		N-Terminal Pro-B-Type Natriuretic Peptide (NT-proBNP) in Feline Arterial Thromboembolism	<i>M. Oranges</i>
12:45 pm	C50		Clinical Outcome and Echocardiographic Prediction of Congestive Heart Failure in Dogs with Left Atrial Rupture	<i>G. Pereira</i>
1:00 pm	C51		Blood Pressure, Serum Fructosamine Concentration, and Insulin Dose Correlations in Diabetic Dogs	<i>A. Poppl</i>
1:15 pm	C52		Elevated Thyroid Stimulating Hormone Levels Following Administration of Amiodarone for Tachyarrhythmias in 10 Dogs	<i>K. Render</i>
3:35 pm	C53		Residual Pulmonary Hypertension After Mitral Valve Plasty in Dogs With Mitral Valve Disease	<i>H. Suzuki</i>

Equine

TIME	#	LOCATION	ABSTRACT TITLE	PRESENTING AUTHOR
9:50 am	E48	Theater 8	Comparison Between Euglycemic-Hyperinsulinemic Clamp Measurements and Proxies for Insulin Sensitivity and β -Cell Response in Horses	<i>J. Bröjer</i>
10:05 am	E49		Effects of Freezing on Measurement of Plasma Adrenocorticotrophic Hormone Concentrations in Horses	<i>J. Haffner</i>
12:15 pm	E50	Theater 4	Blood Pressure and Cortisol in Horses with Diet Induced Obesity and Effect of Pasture	<i>K. Nostell</i>
12:30 pm	E51		Metacarpal Bone Thickness and Density in Aged Horses with and without Pituitary Pars Intermedia Dysfunction	<i>H. Schott, II</i>
12:45 pm	E52		Hyperlipemia in Hospitalized Equids: Treatment and Prognosis	<i>L. Dunbar</i>

Neurology

TIME	#	LOCATION	ABSTRACT TITLE	PRESENTING AUTHOR
9:50 am	N18	Theater 3	➡ Radiographic Indices for the Diagnosis of Atlantoaxial Instability in Dogs	<i>K. Cummings</i>
10:05 am	N19		➡ Non-Invasive Vagal Nerve Stimulation for Refractory Epilepsy in Dogs	<i>G. Stewart</i>
12:15 pm	N20		➡ Long-Term Computed Tomography Follow-Up in Great Danes with or Without Signs of Cervical Spondylomyelopathy	<i>D. Vansteenkiste</i>
12:30 pm	N21		Nerve Growth Factor Gene Therapy Increases the Plasticity in Pyridoxine Induced Neuropathic Dogs	<i>H. Cho</i>
12:45 pm	N22		Magnetic Resonance Imaging Characterization of Combined Osseous and Disc-associated Cervical Spondylomyelopathy in Dogs	<i>R. da Costa</i>



FRIDAY, JUNE 15


ACVIM^{FORUM}2018

ePOSTER Q&A SESSIONS

Neurology *(continued)*

TIME	#	LOCATION	ABSTRACT TITLE	PRESENTING AUTHOR
1:00 pm	N23	Theater 3	Expression of PDGFR- α / β , VEGFR-2, c-Abl, and c-Kit in Canine Granulomatous Meningoencephalitis and Necrotizing Meningoencephalitis	<i>D. Jung</i>
1:15 pm	N24		Interobserver Agreement of Mechanical Sensory Thresholds in Normal Dogs	<i>A. Kerns</i>
3:35 pm	N25		Trace Elemental Profiles of Serum and Cerebrospinal Fluid in Dogs with Idiopathic Epilepsy	<i>K. Sasaoka</i>
3:50 pm	N26		Magnetization Transfer and Diffusion Tensor Imaging in Dogs with Spinal Cord Injury	<i>R. Shinn</i>

Small Animal Internal Medicine - Endocrinology

TIME	#	LOCATION	ABSTRACT TITLE	SPONSORED BY	PRESENTING AUTHOR
10:05 am	EN20	Theater 5	Untargeted Metabolomic Analysis in Non-Fasted Diabetic Dogs		<i>A. O'Kell</i>
12:15 pm	EN21		Canine Hyperadrenocorticism Environmental Risk Factors: a Case-Control Study		<i>A. Poppl</i>
12:30 pm	EN22		Assessment of the Pancreas in Cats with Diabetes Mellitus using Computed Tomographic Angiography		<i>S. Secrest</i>
12:45 pm	EN23		Canine Mesenchymal Stem Cells Improve Insulin Resistance by Secreting Fibroblast Growth Factor-1 In Vitro		<i>W. Song</i>
1:00 pm	EN24		Microbiota-Related Changes in Fecal Bile Acid Metabolism are Associated with Diabetes Mellitus in Dogs		<i>A. Jergens</i>

Small Animal Internal Medicine - Gastroenterology

TIME	#	LOCATION	ABSTRACT TITLE	PRESENTING AUTHOR
9:50 am	GI30	Theater 6	Retrospective Study of 157 Cats with Pancreatitis Requiring Hospitalization: Clinicopathological Findings, Prognostic Markers and Outcome	<i>R. Nivy</i>
10:05 am	GI31		Effect of Fat-Loading on Gastrointestinal Transit Time and Mucosal Appearance as Assessed by Capsule Endoscopy	<i>J. Palerme</i>
12:15 pm	GI32		Immunolocalization of S100A12 and its Association with Helicobacter spp Colonization in Canine Gastric Mucosa	<i>R. Santisteban-Arenas</i>
12:30 pm	GI33		Increased Immunoglobulin Binding Fecal Bacteria: Role of Response to Dysbiosis in Dog Inflammatory Bowel Disease	<i>S. Soontarak</i>
12:45 pm	GI34		Altered Fecal Fatty Acid, Sterol, and Bile Acid Metabolism in Dogs with Acute Diarrhea	<i>A. Blake</i>
1:00 pm	GI35		Characterization of Paneth-like Cells in the Canine Small Intestine	<i>K. Allenspach</i>
1:15 pm	GI36		Sequencing of Chromosome 11 Identifies SNPs Associated with Inflammatory Bowel Disease in German Shepherd Dogs	<i>K. Allenspach</i>

Small Animal Internal Medicine - Infectious Disease

TIME	#	LOCATION	ABSTRACT TITLE	SPONSORED BY	PRESENTING AUTHOR
3:35 pm	ID10	Theater 6	Three-Year Longitudinal Seroprevalence of Vector-borne Pathogens in Mid-Missouri Dogs		<i>K. McDaniel</i>
3:50 pm	ID11		Clinical and Laboratory Findings in Cats Fed Toxoplasma gondii Sporulated Oocysts		<i>J. Scott</i>
9:50 am	ID12	Theater 9	➔ Comparison of Immediate versus Delayed Streak Plate Inoculation of Urine Bacterial Culture and Sensitivity Testing		<i>E. Coffey</i>
10:05 am	ID13		➔ Prospective Observational Study: Serum Intercellular Adhesion Molecule 1 (sI-CAM-1) in Canine Leptospirosis Pulmonary Hemorrhage Syndrome		<i>F. Sonderegger</i>
12:15 pm	ID14		Antimicrobial Resistance: Comparison of Canine and Pediatric Escherichia coli Urinary Isolates in Washington State		<i>C. Adler</i>



ePOSTER Q&A SESSIONS

Small Animal Internal Medicine - Infectious Disease *(continued)*

TIME	#	LOCATION	ABSTRACT TITLE	SPONSORED BY	PRESENTING AUTHOR
12:30 pm	ID15	Theater 9	Distribution of the Feline Lungworm <i>Aelurostrongylus abstrusus</i> in the United States Based on Fecal Testing	IDEXX	J. Buch
12:45 pm	ID16		ELISA Seroreactivity to Three <i>Bartonella</i> Species in Dogs in the United States	IDEXX	J. Buch
1:00 pm	ID17		Highly Specific Screening Tests Maintain Actionable Positive Predictive Values in Areas with Low Heartworm Prevalence	IDEXX	J. Buch
1:15 pm	ID18		Experimental Infection of Dogs with H3N2		L. Cheung
3:35 pm	ID19		Use of Vancomycin in Life-Threatening Infection in Dogs and Cats, 41 Cases (2003-2017)		I. DeStefano
3:50 pm	ID20		Interleukin (IL)-2, IL-6, IL-8, IL-10 and Tumor Necrosis Factor-Alpha in Dogs Infected with <i>Angiostrongylus vasorum</i>		B. Gerber
9:50 am	ID21	Theater 10	Assessment for Associations Between <i>Bartonella</i> Spp. and Select Complete Blood Cell Count Abnormalities		M. Lappin
10:05 am	ID22		Pradofloxacin for Treatment of <i>Bartonella henselae</i> in Experimentally Inoculated Cats		M. Lappin
3:35 pm	ID23		Efficacy and Safety of Novel isonitrile Compounds for Treatment of <i>Staphylococcus pseudintermedius</i>		A. Hopkins
3:50 pm	ID24		Genetic Characterization of Canine Urinary Pathogenic <i>Escherichia coli</i>		M. Jacob

Small Animal Internal Medicine - Nephrology/Urology

TIME	#	LOCATION	ABSTRACT TITLE	SPONSORED BY	PRESENTING AUTHOR
9:50 am	NU27	Theater 7	Evaluation of Commercial ELISA Kits for Quantification of Selected Cytokines in Feline Urine		J. Kruger
10:05 am	NU28		Investigating Urinary Bladder Transcriptome Alterations in Feline Idiopathic Cystitis Using RNA Sequence Analysis		J. Kruger
12:15 pm	NU29		Serum Creatinine vs Serum Symmetric Dimethylarginine on Follow-Up of Dogs with Chronic Kidney Disease		M. Kogika
12:30 pm	NU30		Urinary Protein to Creatinine Ratio, Albumin and Retinol-Vitamin D-Binding Proteins in Chronic Kidney Disease Dogs		M. Kogika
12:45 pm	NU31		Fibroblast Growth Factor-23 association with Vitamin D Metabolites in Dogs with Spontaneous Chronic Kidney Disease		M. Kogika
1:00 pm	NU32		Electrocardiographic Parameters, P and QT Dispersions in Dogs with Chronic Kidney Disease Undergoing Intermittent Hemodialysis		M. Lourenço
1:15 pm	NU33		Dietary Sodium Increases Calcium Excretion and Induced Calcium Oxalate Precipitation in Cats		J. MacLeay
3:35 pm	NU34		Continuous Flow Cystoscopy: The Next Step		T. McCarthy
3:50 pm	NU35		Prevalence and Risk Factors of Feline Lower Urinary Tract Disease in Chiang Mai, Thailand		K. Piyarungsri
9:50 am	NU36	Theater 4	Retrospective Evaluation of the Relationship Between Symmetric Dimethylarginine, Creatinine and Body Weight in Hyperthyroid Cats	IDEXX	J. Quimby
10:05 am	NU37		Evaluation of an Herbal Compound Used to Manage Lower Urinary Tract Disease in Healthy Dogs		A. Shaw
12:15 pm	NU38	Theater 8	Platelet Aggregometry and Measurement of Clopidogrel Metabolite Concentrations in Dogs with Protein-Losing Nephropathy		S. Shropshire
12:30 pm	NU39		Alterations in Oral and Fecal Microbiomes in Dogs with Chronic Kidney Disease		C. Sung
12:45 pm	NU40		Serum Lipoprotein Profiles in Cats with Chronic Kidney Disease		J. Palerme
1:00 pm	NU41		Urine is Not Sterile: Evidence of a Urinary Microbiome in Healthy Adult Cats	PURINA PRO PLAN VETERINARY DIETS	B. Vester Boler



FRIDAY, JUNE 15

ACVIM^{FORUM}2018

ePOSTER Q&A SESSIONS

Small Animal Internal Medicine - Nephrology/Urology *(continued)*

TIME	#	LOCATION	ABSTRACT TITLE	SPONSORED BY	PRESENTING AUTHOR
1:15 pm	NU42	Theater 8	Daily Oral Chondroitin Sulfate Administration Increases Urinary Chondroitin Sulfate Concentrations in Dogs		M. Wood
3:35 pm	NU43		Assessment of Indicators for Disease Progression in Feline Autosomal Dominant Polycystic Kidney Disease		Y. Yu
3:50 pm	NU44		Creatinine and GFR Measurements using Jaffe and Enzyme-Based Methods in Cats	PURINA PRO PLAN VETERINARY DIETS	B. Zanghi

Small Animal Internal Medicine - Nutrition/Metabolism

TIME	#	LOCATION	ABSTRACT TITLE	PRESENTING AUTHOR
12:15 pm	NM07	Theater 10	Pea and Barley as a Starch Source Impact on Hyperlipidemia of Diabetic Dogs	M. Brunetto
12:30 pm	NM08		Changes in Pet Feeding Practices Over the Past Decade	S. Dodd
12:45 pm	NM09		Correlation between Dietary Macronutrients and Gut Microbiota Bacterial Groups	H. Klein
1:00 pm	NM10		Feline Plasma and Urine Lipidome: A Novel Source of Biomarker Candidates for Feline Medicine	S. Rivera
1:15 pm	NM11		Protein Carbonyl Content as an Indicator of AGEs Formation in Diabetic Dogs	S. Rivera

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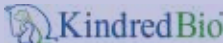




ACVIM MEETINGS & EVENTS

Time	Event	Location	Sponsor(s)
7:00–9:30 am	 ACVIM Board of Regents Meeting	WSCC 208	
7:00 am–12:00 pm	Registration	WSCC Atrium Lobby - 4th Floor	
7:00 am–12:00 pm	Speaker Headquarters	WSCC 605/610	
7:00 am–12:00 pm	Candidate Lounge	WSCC 401	
7:00 am–12:00 pm	Specialists Lounge	WSCC 4C-1	
7:30 am–12:00 pm	Publisher Tables	WSCC 6th Floor Lobby	<i>Provided by</i>  
7:30–11:15 am	Technology Zone	WSCC 6th Floor Lobby	<i>Powered by</i> 
8:00 am–12:00 pm	Scientific Sessions	See pages 78-79	
8:00 am–12:00 pm	 Technician Program	See page 80	
8:00 am–12:00 pm	Interactive Session	See page 80	

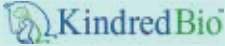

OTHER ORGANIZATION MEETINGS & EVENTS

Time	Event	Location
6:30–7:50 am	VIN Community Breakfast	Sheraton Willow
7:00–7:50 am	CVM Fellowship Breakfast	WSCC 204

SCIENTIFIC SESSIONS • MORNING SESSIONS

	8:00-8:50 am	9:00-9:50 am	10:20-11:10 am	11:20 am-12:10 pm
Business Management WSCC 310	Panel: How to Have a Sustainable Career <i>S. Gillings, R. Wright, B. Maran</i> 	Teamwork - It Makes the Dreamwork: Building the Team <i>P. Weinstein</i> 	Teamwork - It Makes the Dreamwork: Getting the Team to Perform <i>P. Weinstein</i> 	Improving Patient Outcomes and Practice Revenue Through Primary Care and Specialty Veterinarian Collaboration <i>R. Murtaugh</i> 
Cardiology WSCC 606/607	Pericardial Disease in the UK and Novel Technique for Pericardiocentesis <i>M. Martin</i>	Balloon Dilatation of Pulmonary Valve Stenosis, and a Closer Look at Morphology <i>M. Martin</i>	Hypertension and Cardiovascular Risk in Small Animals: What We Can Learn From a Human Epidemic <i>G. Culshaw</i>	Radiographic Interpretation of Heart Disease in Cats <i>L. Gaschen</i>
Equine WSCC 618/619	Measuring Equine Insulin <i>F. Bertin</i>	Managing Insulin Dysregulation: Novel Therapies Beyond Weight Loss <i>E. Tadros</i>	Neonatal Sepsis: How Far Have We Come, and What Is There to Learn? <i>P. Morresey</i> 	Critically Ill Horses: A Case-based Conference <i>B. Dallap Schaefer, S. Hurcombe</i>
Equine WSCC 620	Research Reports Safety and Efficacy of Canagliflozin and Octreotide for Managing Insulin Dysregulation in Horses <i>N. Frank</i> ACTH, Cortisol, Insulin and Glucose Correlations in Horses with Systemic Inflammatory Response Syndrome (SIRS) <i>A. Stewart</i>	Research Reports Blood and Urinary Sodium and L-Lactate Measures in Horses Following Infusion of Hyperosmolar Sodium L-lactate <i>S. Austin</i> Pharmacokinetics, Dose Proportionality of Escalating Dosages of Gabapentin in Adult Horses <i>J. Gold</i>	Discovery of the Genetic Mutation Responsible For Immune-mediated Myositis in Quarter Horses <i>S. Valberg, C. Finno</i>	Vitamin E Metabolism in Horses With Equine Neuroaxonal Dystrophy <i>C. Finno</i>
VCRS (Equine) WSCC 615	BEST of the 2017 VCRS Abstracts <i>K. Lascola</i>	Airway Microbiota in Equine Asthma <i>M. LeClere</i>	Bringing Equine Medicine to the World: Benefits of Interactive Case Sharing <i>M. Mazan</i>	Antimicrobial Resistance in Equine Pulmonology <i>R. Nolen-Walston</i>
FAIM WSCC 613/614	 Bovine Viral Diarrhea Virus Infections in Heterologous Species: Implications for Diagnosis and Control <i>T. Kuca</i>	 Passive Transfer in Dairy Calves <i>J. Lombard</i>	 Case Discussion: Chronic Indigestion in Cattle <i>G. Fecteau</i>	 Panel Discussion: Chronic Indigestion in Cattle <i>R. Callan, G. Fecteau, M. Miesner, R. Streeter</i>
FAIM WSCC 303	Factors Associated With Pregnancy Loss in Cattle <i>K. Pohler</i>	Developing Bovine Embryo and Early Pregnancy <i>K. Pohler</i>	Insights into the Maternal-Fetal Interface <i>A. Lear</i>	Selenium Biofortification <i>J. Hall</i>
Neurology Research Reports WSCC 4C-4	Canine Cognitive Dysfunction Syndrome: Magnetic Resonance Imaging and Spectroscopy in Differential Diagnosis <i>M. Dolera</i> Nimodipine as a Possible Prevention of Ascending Myelomalacia in Dogs <i>M. Dolera</i>	Comparison of Serum Phenobarbital Concentrations After Chronic Oral and Transdermal Phenobarbital Administration in Epileptic Cats <i>H. Barnes Heller</i> The Pharmacokinetics of Oral Cytarabine Ocfosfate in Dogs <i>D. Zweste</i>	Individualized Analysis of Therapy for Chronic Spinal Cord Injury in Dogs <i>N. Jeffery</i> Influence of Duration of Injury on Diffusion Tensor Imaging in Acute Canine Spinal Cord Injury <i>M. Lewis</i>	Spinal Infections: Timing of MRI Findings in Dogs <i>M. Dolera</i>



SCIENTIFIC SESSIONS • MORNING SESSIONS

	8:00-8:50 am	9:00-9:50 am	10:20-11:10 am	11:20 am-12:10 pm
Oncology WSCC 611/612	Canine Hemangiosarcoma: Frontier Therapies <i>D. Thamm</i>	Cancer Cytology Interactive Case Series <i>D. Thamm</i>	Palliative Care in Veterinary Practice: Principles and Practical Tools <i>K. Goldberg</i>	Chemotherapy Safety: How the New Regulations Affect Veterinarians <i>K. Cronin</i>
SAIM/ECVIM (SAIM) WSCC 307/308	Nutrition and Muscle Metabolism of Working Dogs <i>M. Davis</i>	Hydration and Thermoregulation of Working Dogs <i>M. Davis</i>	Endocrine vs Renal Hypertension in Cats <i>R. Jepson</i>	Biomarkers of Hypertension <i>R. Jepson</i>
SAIM WSCC Ballroom 6B	Treatment of Nephroliths and Ureteroliths in Dogs <i>L. Adams</i>	Strategies to Lessen Calciuria in Dogs and Cats With Recurrent Calcium Oxalate Urolithiasis <i>J. de Brito Galvao</i>	Diagnosis of Small Intestinal Disease With Ultrasonography <i>L. Gaschen</i>	Lung Ultrasound <i>G. Lisciandro</i>
SAIM WSCC Ballroom 6C	Research Reports Evaluation of a Quantitative Ultrasound Technique for Assessment of Muscle in Normal Cats <i>L. Freeman</i>  The Occurrence and Speciation of Babesia spp Infections by PCR in a Global Canine Population <i>K. Buch</i>	Trilostane: Ten Years On and Still No Consensus <i>A. Cook</i>	How Cognitive Inertia and Bias Might Affect Treatment of Kidney Disease <i>A. Specht</i>	Preanalytical Considerations in Urine Analysis: What to Know Before Submitting Your Sample <i>A. Specht</i>
AAVN/ACVN (SAIM) WSCC 608/609	Controversies in Human Nutrition Science <i>T. Wallace</i> 	Veterinary Herbs and Dietary Supplements <i>D. Raditic</i>	Evidence Regarding Feline Metabolism and the Impact of Dietary Carbohydrates <i>D. Laflamme</i>	Feeding Cats From Kittens to Seniors: Why Protein is the Key <i>D. Zoran</i>
ASVNU (SAIM) WSCC Ballroom 6A	Feline Kidney Transplants <i>L. Aronson</i>	Use of Biomarkers in the Evaluation of UTI <i>S. Vaden</i> Proliferative Urethritis: Management Approaches and Outcomes <i>A. Berent</i>	Pathogenesis and Clinical Implication of Focal Segmental Glomerulosclerosis <i>R. Cianciolo</i> The Gut Microbiome and CKD <i>J. Suchodolski</i>	Angiotensin Receptor Blocker in Dogs and Cats <i>J. Byron</i> How Can We Improve RAAS Suppressive Therapies <i>M. Ames</i>
ISCAID (SAIM) WSCC 616/617	Genetic Susceptibility to Infectious Disease <i>J. Dear</i>	Finding Common Ground in Dog Transport <i>J. Levy, C. Crawford</i>	Dog Transport and Infectious Disease Spread in the US <i>J. Levy, C. Crawford</i>	Rabies in Companion Animals: Are Current Preventative Strategies Adequate? <i>S. Moore</i>
VECCS (SAIM) WSCC 4C-3	Clinical Advantages and Pitfalls of Bedside Pulse Oximetry <i>A. Carver</i>	Hemodialysis From the Critical Care Specialist's Perspective <i>A. Carver</i>	Airway Techniques That Every Non-surgeon Should Know <i>E. Rozanski</i>	Transfusion Reactions: Case Series and Approach to Management <i>B. Davidow</i>

TECHNICIAN PROGRAM

	8:00-8:50 am	9:00-9:50 am	10:20-11:10 am	11:20 am-12:10 pm
Neurology WSCC 2AB SAIM WSCC 2AB	Meeting the Nutritional Needs of the Neuro-Hepatic Patient <i>K. Burns</i>	Canine Epilepsy: A Team Approach To Patient-Client Care <i>K. Munana, J. Nettifee</i>	Care, Cleaning and Disinfection of Flexible Endoscopes <i>S. Cox</i>	Cystoscopy for the VT <i>S. Cox</i>
LAIM WSCC 3B Oncology WSCC 3B	Tips and Tricks for Obtaining Good Quality Exercising ECGs in Horses <i>K. Mitchell</i>	Equine Esophageal Bougienage Case Study <i>S. Loly</i>	Great Client Communication When Breaking Bad Cancer News <i>S. Ettinger</i>	Electrochemotherapy <i>B. Quesnell</i>

INTERACTIVE SESSIONS

Time	Track/ Session Type	Session Title • Speaker	Location	Sponsor(s)
8:00 am-12:00 pm	Cardiology/ Workshop	 Patent Ductus Arteriosus Occlusion Laboratory: Concepts and Practice with 3D Models • <i>A. Saunders, S. Gordon, B. Boutet</i>	WSCC 203	

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Patient Monitoring Equipment

BCP Veterinary Pharmacy
Best Pet Rx
Dextronix, Inc.
Medfurbish
SA Instruments, Inc.
Taylors Pharmacy
Zoetis

Pharmacy Compounding

Best Pet Rx
Diamondback Drugs
Ethos Veterinary Health
Pet Health Pharmacy
Stokes Pharmacy
Taylors Pharmacy
Wedgewood Pharmacy

Practice Management

ezyVet Beautiful Veterinary Software
IDEXX Laboratories, Inc.
MWI Animal Health
Patterson Veterinary
Smart Flow
StringSoft, Inc.

Professional Services

Angels of Hippocrates / Happy Doc
Summer Camp
BlackwellKing Veterinary Change
Consultants
Doctor Multimedia
The Pet Loss Center
Timeless Veterinary Systems
VETCT, Telemedicine

Publications

EDRA spa
Elsevier
Wiley

Referral Programs

Hallmarq Veterinary Imaging
PetVet Care Centers
VETCT, Telemedicine

Rehabilitation/Physical Therapy

Animal Medical Center
Assisi Animal Health
Companion Animal Health by LiteCure
Compassion-First Pet Hospitals
Hyperbaric Veterinary Medicine
NorthStar VETS

Small Animal Practice & Critical Care

Access Specialty Animal Hospitals
AimaLojic Animal Health
Amatheon Animal Health
Animal Medical Center
Animal Medical Center of Seattle
Assisi Animal Health
Bayer Animal Health
Campbell Pet Company
Cape Cod Veterinary Specialists
Center for Veterinary Specialty +
Emergency Care
Compassion-First Pet Hospitals
CVCA Cardiac Care for Pets

Elanco Animal Health
Euthabag
Hallmarq Veterinary Imaging
Hyperbaric Veterinary Medicine
Lafeber-Emerald
Lakeshore Veterinary Specialists
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Smart Flow
Sonoma Pharmaceuticals/MicrocynVS
VETCT, Telemedicine
VetDC, Inc.
Vortech Pharmaceuticals

Small Animal Surgical & Dental

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Animal Medical Center of Seattle
Compassion-First Pet Hospitals
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Animal Medical Center
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Karl Storz Veterinary Endoscopy America,
Inc.
MWI Animal Health
NorthStar VETS
PetVet Care Centers
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Therapeutic Equipment

AimaLojic Animal Health
Assisi Animal Health
Companion Animal Health by LiteCure
Hyperbaric Veterinary Medicine

Ultrasound

Access Specialty Animal Hospitals
Choice Medical Systems, Inc. / Samsung
Compassion-First Pet Hospitals
Core Imaging
FujiFilm SonoSite, Inc.
Heska Corporation-Cuattro Imaging
Hitachi Healthcare
Natus Neuro
Patterson Veterinary
scil animal care company, a division of
Henry Schein Animal Health
Sound's Academy of Veterinary Imaging
Timeless Veterinary Systems
Universal Imaging
VCA/Antech Diagnostics/Sound

Veterinary Medical Devices

AimaLojic Animal Health
Alicam
Bella Veterinary Medical Solutions
Companion Animal Health by LiteCure
Core Imaging
Dextronix, Inc.
Digicare Animal Health
Epica Medical Innovations
EQUASHIELD, LLC
Euthabag
FujiFilm SonoSite, Inc.
Hallmarq Veterinary Imaging
Hyperbaric Veterinary Medicine
Infiniti Medical, LLC
LexaGene
LifeHealth
Nova Biomedical
PractiVet
SA Instruments, Inc.
Sechrist Veterinary Health
Ultravet Medical Devices, LLC
Universal Medical Systems, Inc.

Veterinary Technology

AimaLojic Animal Health
Angels of Hippocrates / Happy Doc
Summer Camp
BabelBark, Inc.
Bella Veterinary Medical Solutions
Compassion-First Pet Hospitals
Dragon Veterinary (HTH Engineering, Inc)
Elucidate, Inc.
Epica Medical Innovations
EQUASHIELD, LLC
Hallmarq Veterinary Imaging
Hyperbaric Veterinary Medicine
LifeHealth
Nova Biomedical
Patterson Veterinary
SA Instruments, Inc.
Sedecal USA, Inc.
Smart Flow
StringSoft, Inc.
Timeless Veterinary Systems
VETCT, Telemedicine
VetDC, Inc.

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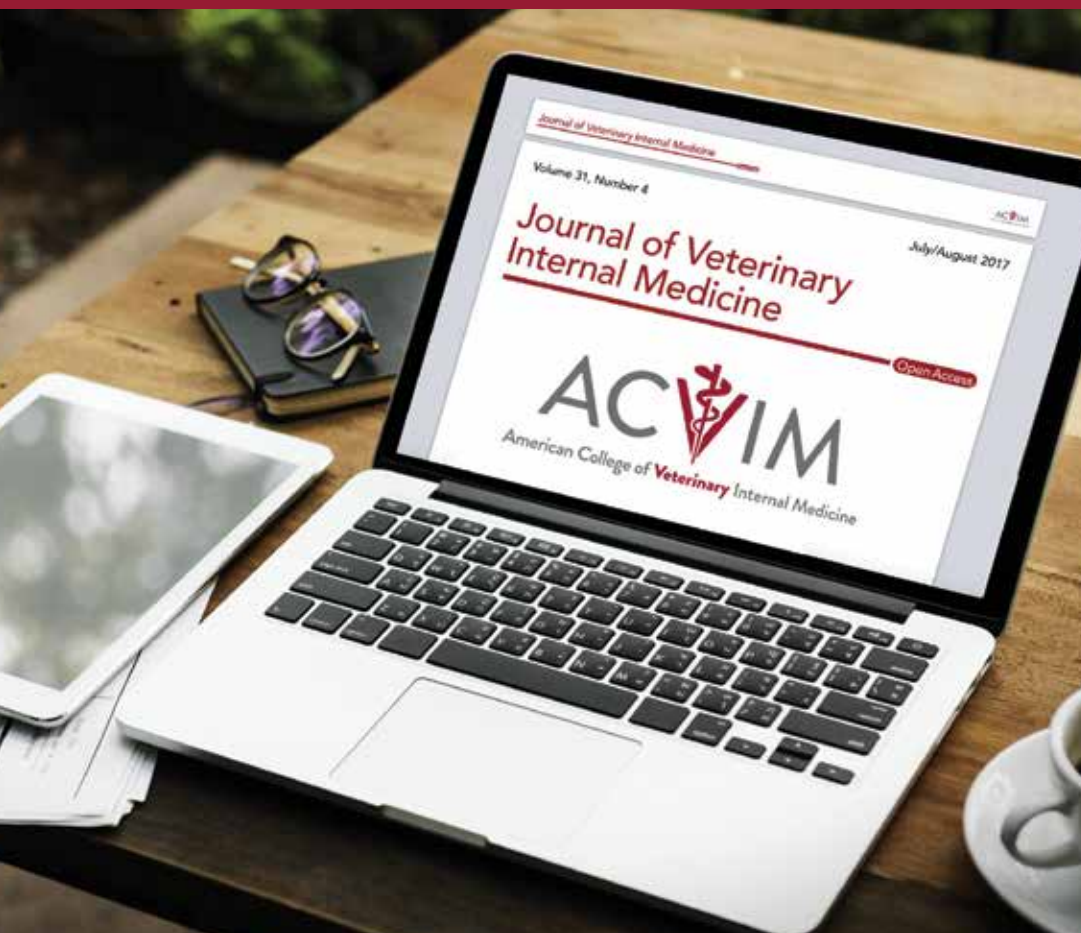
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quellin[®] (carprofen)

soft chewable tablets

Non-steroidal anti-inflammatory drug
For oral use in dogs only

BRIEF SUMMARY:

Before using quellin soft chewable tablets, please
consult the product insert, a summary of which follows:

CAUTION: Federal Law restricts this drug to use by or
on the order of a licensed veterinarian.

PRODUCT DESCRIPTION: quellin (carprofen) is a
non-steroidal anti-inflammatory drug (NSAID) of the
propionic acid class that includes ibuprofen, naproxen,
and ketoprofen.

INDICATIONS: quellin is indicated for the relief of pain
and inflammation associated with osteoarthritis and for
the control of postoperative pain associated with soft
tissue and orthopedic surgeries in dogs.

CONTRAINDICATIONS: quellin should not be used in
dogs exhibiting previous hypersensitivity to carprofen.

WARNINGS: Keep out of reach of children. Not for
human use. Consult a physician in cases of accidental
ingestion by humans. **For use in dogs only.** Do not use
in cats. All dogs should undergo a thorough history
and physical examination before initiation of NSAID
therapy. Appropriate laboratory tests to establish
hematological and serum biochemical baseline data
prior to, and periodically during, administration of any
NSAID should be considered.

PRECAUTIONS: As a class, NSAIDs may be associated
with gastrointestinal, renal and hepatic toxicity. Effects
may result from decreased prostaglandin production
and inhibition of the enzyme cyclooxygenase which
is responsible for the formation of prostaglandins
from arachidonic acid. When NSAIDs inhibit
prostaglandins that cause inflammation they may also
inhibit those prostaglandins which maintain normal
homeostatic function. These antiprostaglandin effects
may result in clinically significant disease in patients
with underlying or pre-existing disease more often
than in healthy patients. Carprofen is an NSAID, and as
with others in that class, adverse reactions may occur
with its use. The most frequently reported effects have
been gastrointestinal signs. Events involving suspected
renal, hematologic, and neurologic, dermatologic, and
hepatic effects have also been reported. Concomitant
use of carprofen with other anti-inflammatory drugs,
such as other NSAIDs or corticosteroids, should be
avoided because of the potential increase of adverse
reactions, including gastrointestinal ulcerations and/
or perforations. Carprofen is not recommended for
use in dogs with bleeding disorders, as safety has not
been established in dogs with these disorders. The safe
use of carprofen in animals less than 6 weeks of age,
pregnant dogs, dogs used for breeding purposes, or in
lactating bitches has not been established.

ADVERSE REACTIONS:

During investigational studies for the caplet formulation
with twice-daily administration of 1 mg/lb., no clinically
significant adverse reactions were reported. Some
clinical signs were observed during field studies which
were similar for carprofen caplet and placebo treated
dogs. Incidences were observed in both groups:
vomiting (4%), diarrhea (4%), changes in appetite
(3%), lethargy (1.4%), behavioral changes (1%), and
constipation (0.3%).

For a copy of the Safety Data Sheet (SDS) or to report
adverse reactions call Bayer Veterinary Services
at 1-800-422-9874. For consumer questions call
1-800-255-6826.

ANADA 200-555 Approved by FDA

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December 2015

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To order quellin®, contact your Bayer rep, Bayer Customer Service (1-800-633-3796) or your preferred distributor.

CAUTION: Federal law restricts this drug to use by or on the order of a licensed veterinarian.

WARNINGS: Keep out of reach of children. Not for human use. Consult a physician in cases of accidental ingestion by humans. **For use in dogs only. Do not use in cats.**

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