

**The American Heartworm Society  
Triennial Symposium  
September 11–13, 2016**

**PROGRAM**

<b>Saturday, September 10</b>			
<b>Time</b>	<b>Session/Title</b>	<b>Speaker</b>	<b>Location (subject to change)</b>
4:00–8:00 PM	Registration/Check-in		Level 2 – Foyer
<b>Sunday, September 11</b>			
<b>Time</b>	<b>Session/Title</b>	<b>Speaker</b>	<b>Location (subject to change)</b>
7:00 AM	Breakfast		Grand Ballroom Foyer
7:45	Welcome, Introductions, and Announcements	Dr. Steve Jones	Grand Ballroom
	<b>SESSION 1 – Adulticidal Therapy</b> (all include Q & A in time allotment)	Dr. Clarke Atkins, Moderator	Grand Ballroom
8:00–8:20	Non-Arsenical Heartworm Adulticidal Therapy	Dr. Marisa Ames	
8:20–10:20	Recent Developments in Adulticide Treatment Protocols for Dirofilaria Infection in Dogs	Dr. Laura Kramer and Prof. Claudio Genchi	
10:20–10:35	Break		
10:35–11:35	Assessment of Parasitological and Clinical Findings in Heartworm-Infected Beagles Treated with Advantage Multi® and Doxycycline	Drs. Molly Savadelis, Michael Dzimianski, Amanda Coleman	
11:35–11:55	Evaluation of Inflammatory and Hemostatic Markers in Dogs with Heartworm Infection During Melarsomine HCl Treatment	Dr. Changbaig Hyun	
12:00–1:30 PM	Lunch		

	<b>SESSION 2 – Therapy/Epidemiology</b> (all include Q & A in time allotment)	Dr. Clarke Atkins, Moderator	Grand Ballroom
1:30–2:15 PM	Doxycycline vs Minocycline: What's Similar? What's Different? What's New?	Dr. Mark Papich	
2:15–3:00	Wellness Clinics on Native American Reservations Reduce HWD	Dr. Tammy Hornak	
3:00–3:30	Break		
3:30–4:00	Parasites' Mosquito Attractants Enhance Disease Transmission	Dr. Audrey Odom	
4:00–4:15	Evaluation of Temperature Variation in Microclimates in Multiple US Locations	Dr. Tom Nelson	
4:15–4:30	Activation of <i>Aedes aegypti</i> Mosquito Immune Signaling Reduces Infection by Heartworm <i>Dirofilaria immitis</i>	Dr. Mike Povelones	
4:30–4:45	Vector Epidemiology: Mosquitoes' Heartworm Infection Prevalence - Daytime Feeders	Dr. Tanja McKay	
4:45–5:00	Prevalence of Canine and Feline Heartworm Infection in Taiwan	Dr. Ta-Li Lu	
7:30–9:30	Opening Reception		Lafayette Ballroom
<b>Monday, September 12</b>			
<b>Time</b>	<b>Session/Title</b>	<b>Speaker</b>	<b>Location (subject to change)</b>
7:00 AM	Breakfast		Grand Ballroom Foyer
7:45	Welcome, Introductions, and Announcements	Dr. Steve Jones	Grand Ballroom
	<b>SESSION 3 – Heartworm Prevention &amp; Macrocytic Lactone Resistance I</b> (all include Q & A in time allotment)	Dr. Matt Miller, Moderator	Grand Ballroom

8:00–8:20	Isolation Method of <i>Dirofilaria immitis</i> Microfilariae from Canine Blood Impacts Parasite Motility in the Presence and Absence of Ivermectin	Dr. Adrian Wolstenholme	
8:20–8:40	<i>Dirofilaria Immitis</i> JYD-34 Isolate: Whole Genome Analysis	Dr. Catherine Bourguinat	
8:40–8:55	Prospective Study of Genotype: Phenotype Correlation for Macrocyclic Lactone Resistant <i>Dirofilaria immitis</i> : Status Report	Prof. Timothy Geary	
8:55–9:10	Efficacy of Oral Moxidectin in Preventing the Development of Resistant Heartworms in Dogs	Dr. Tom McTier	
9:10–9:30	Genetic Profile of Seven <i>Dirofilaria immitis</i> Isolates with Variable Response Profiles to Heartworm Preventives	Prof. Roger Prichard	
9:30–10:15	Break		
10:15–10:30	A Clinical Decision Tree for Addressing Cases of Suspected Macrocyclic-Lactone Resistance In Heartworm	Drs. Ray Kaplan/Andy Moorhead	
10:30–10:45	Efficacy of ProHeart® 6 and ProHeart® SR-12 Against Resistant Heartworms	Dr. Tom McTier	
10:45–11:00	Evaluation of the Efficacy of ProHeart® 6 Against a Resistant Isolate of <i>Dirofilaria immitis</i> (JYD-34) in Dogs	Dr. Dwight Bowman	
11:00–11:30	Resistance: What the FDA Knows From 40,000 LOE Reports	Dr. Cassan Pulaski	
11:30–1:00	Business Meeting/Lunch		
	<b>SESSION 4 – Heartworm Prevention &amp; Macrocyclic Lactone Resistance II</b> (all include Q & A in time allotment)	Dr. Matt Miller, Moderator	Grand Ballroom
1:00–1:30 PM	Where Have All the LOEs Gone?	Dr. Clarke Atkins	

1:30–1:50	Resistance 2016: What Practitioners Think – Results of 7000 Questionnaires from the MS Delta	Dr. Cassan Pulaski	
1:50–2:10	A New Approach to Evaluating the Efficacy of Heartworm Drugs: What Does 100% Really Mean?	Drs. Ray Kaplan/Anand Vidyashankar	
2:10–2:30	The Safety of Milbemycin Oxime after Administration to Heartworm Positive Microfilaremic Dogs	Dr. Dan Snyder	
2:30–3:00	BREAK		
3:00–3:30	Blocking Transmission from Dogs to Mosquitoes and from Mosquitoes to Dogs, Using Repellents and Ectoparasiticides	Dr. John McCall	
3:30–4:00	Multi-Modal Heartworm Prevention Strategies – <b>Panel Discussion</b>	Dr. Matt Miller, Moderator	
4:00–4:15	Efficacy of Advantage Multi® for Dogs for the Treatment of HW Larvae and the Prevention of HW Infection and Disease All Month Long in Dogs	Dr. Dwight Bowman	
4:15–4:30	Examination of the "Susceptibility Gap" in the Treatment of Patent Canine Heartworm Infections	Dr. Dwight Bowman	
4:30–4:50	Effect of Heartworm Disease and "Heartworm-Associated Respiratory Disease" (HARDs) on the Right Ventricle of Cats	Dr. Randolph Winter	
4:50-5:20	Cardiopulmonary Effects of <i>D. immitis</i> Byproducts in Circulation in Dogs, Cats, & Rats	Dr. Ray Dillon	
5:30–6:30	<b>Champagne Poster Reception</b>		Level 2 Foyer
<b>Tuesday, 9/13</b>			
<b>Time</b>	<b>Session/Title</b>	<b>Speaker</b>	<b>Location (subject to change)</b>
7:00 AM	Breakfast		Grand Ballroom Foyer

7:45–8:00	Welcome, Introductions, and Announcements		Grand Ballroom
	<b>SESSION 5 – Heartworm Diagnostics</b> (all include Q & A in time allotment)	Dr. Elizabeth Hodgkins, Moderator	Grand Ballroom
8:00–8:20	Validation of Immune Complex Dissociation Methods for Use with Heartworm Antigen Tests and Utility in Assessing Patient Samples	Dr. Rick Alleman	
8:20–8:40	Impact of Heat Treatment on Regional Prevalence of <i>Dirofilaria immitis</i> Antigen Detection in Shelter Dogs	Dr. Brian DiGangi	
8:40–8:55	Heat Pretreatment of Canine Samples to Evaluate Efficacy of Slow Kill Treatment	Dr. Norma Labarthe	
8:55–9:15	Heat Treatment of Serum Samples from Stray Dogs Naturally Exposed to <i>Dirofilaria Immitis</i> and <i>Dirofilaria Repens</i> in Romania	Dr. Laura Kramer	
9:15–9:45	False Positive HW Antigen Tests in Ex-Vivo Parasites, a Field and Experimental Study	Dr. Luigi Venco	
9:45–10:05	Evaluation of <i>Dirofilaria immitis</i> Antigen Detection Comparing Heated and Unheated Serum in Dogs with Experimental Heartworm Infections.	Dr. James Carmichael, Jr.	
10:05–10:20	Break		
10:20–11:50	Interesting, Intriguing and Confounding Heartworm Diagnostic Cases – <b>Panel Discussion</b>	Dr. Byron Blagburn, Moderator	
11:50–12:20	Cardiopulmonary and Inflammatory Biomarkers in Heartworm Disease	Dr. Elena Carretón	
12:20–12:35	Comparative Evaluation of Commercially Available Point-of-Care Heartworm Antigen Tests Using Well-Characterized Canine Plasma Samples	Dr. Lindsay Starkey	