### Plenary & Keynote

#### Keynote Address and Dedication Demystifying One Health: Sifting and Winnowing the Role of Veterinary Parasitology
- **KL 1.1** Rosina Krecek - Pork Tapeworm: A One Health Model
- **KL 1.2** Peter Rabinowitz - A Clinical Perspective on One Health Challenges for Parasitology
- **KL 1.3** Patricia Conrad - Babesia and Toxoplasma Discoveries at the Human-Animal-Environment Interface

#### Plenary Lecture 1.0 - Evolving Approaches to Drug Discovery
- **PL 1.1** Tim Geary - Data-Driven Revolutions in Antiparasitic Drug Discovery
- **PL 1.2** Wes VanVoorhis - Target-Based Drug Development for Cryptosporidiosis and Other Apicomplexa Diseases
- **PL 1.3** Lucienne Tritten - Excretory/Secretory Products of Nematode Parasites: Significance and Therapeutic Implications
- **PL 1.4** Daniel Kulke - Next Generation Parasiticides: A Mission We Can Accomplish Together

#### Plenary Lecture 2.0 - Genes and Genomics in Parasite Control
- **PL 2.1** Mostafa Zamanian - Enlisting Spatiotemporal Transcriptomics to Identify Nematode Receptor Drug Targets
- **PL 2.2** Michael Kimber - Extracellular Vesicles: A Conserved Nematode Strategy for Host Manipulation?
- **PL 2.3** Cassan Pulaski - A Multimodal Approach to Understanding Macrocyclic Lactone Resistance in Dirofilaria Immitis
- **PL 2.4** Russel Avramenko - Deep Amplicon Sequencing as a Powerful New Tool to Screen for Sequence Polymorphisms Associated with Anthelmintic Resistance in Parasitic Nematode Populations

#### Plenary Lecture 3.0 - Leishmaniasis, Leishvet and One Health
- **PL 3.1** Gaetano Olivia & Laia Solano-Gallego - Reservoir Vaccination to Decrease Transmission of Parasitic Zoonoses: Notes from Leishmaniosis
- **PL 3.2** Gad Baneth & Guadalupe Miró - The Impact of Treatment of Leishmaniosis as a Control Measure to Prevent Transmission and the Impact of Increased Drug Resistance: Implications in a One Health Context
- **PL 3.3** Christine Petersen & Patrick Bourdeau - Impact of Different Leishmania Reservoirs on Sand Fly Transmission-IndiaIRS and Other One Health Leishmania Observations

#### Plenary Lecture 4.0 - Veterinary Entomology: Outbreak and Advancements
- **PL 4.1** Mason Reichard - Introduction to Veterinary Entomology: Outbreak and Advancements
- **PL 4.2** Nicole Lewis - Outbreak, Surveillance, and Control of Haemaphysalis Longicornis, The Longhorned Tick, in New Jersey
- **PL 4.3** Adalberto Perez de Leon - One Health Approach to Manage the Threat of Ticks and Tickborne Diseases in North America
- **PL 4.4** Sarah Hamer - Ecology and Behavior of Triatomines and Trypanosoma Cruzi at the Human-Wildlife-Dog Interface in the Southern United States
Monday, July 8

### Plenary Lecture 2.0
**Genes and Genomics in Parasite Control**
08:30 - 10:30
Plenary Hall, Madison Ballroom, Level 4

### Oral Breakout Presentations
11:00 - 12:30

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<tr>
<th>Room 1</th>
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<tbody>
<tr>
<td>OA01 Canine Heartworm I</td>
<td>OA02 Diagnosis and Decision Support for GI Nematodes in Ruminants I</td>
<td>OA03 North American Ticks</td>
<td>OA04 Coccidia</td>
<td>OA05 Worldwide Vector-Borne Infections in Companion Animals</td>
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### Lunch Break
12:30 - 13:30
Exhibit Hall, Hall A, Level 1

### Bayer Seminar - News on Companion Vector Born Diseases
12:30 - 13:30
Plenary Hall, Madison Ballroom, Level 4

### Coffee Break & Poster Session 1 with Authors
15:30 - 16:30

### Oral Breakout Presentations
16:30 - 18:00

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<tr>
<td>OA11 Canine Protozoa</td>
<td>OA12 Diagnosis and Decision Support for GI Nematodes in Ruminants II</td>
<td>OA13 Flea and Tick Treatment</td>
<td>OA14 Protozoan Parasites</td>
<td>OA15 Education</td>
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### Zoetis Product Launch and Reception
**Revolution Plus 6-in-1 Protection for Cats**
18:00 - 20:00
Plenary Hall, Madison Ballroom, Level 4

Tuesday, July 9

### Elanco Morning Seminar
**Parasitology Meets Dermatology: Assessment of flea control in client-owned dogs provided by lotilaner (Credelio) and spinosad (Comfortis) in west central Florida**
07:30 - 08:30
Plenary Hall, Madison Ballroom, Level 4

### Coffee Break 10:30 - 11:00
Exhibit Hall, Hall A, Level 1

### Oral Breakout Presentations
11:00 - 12:30

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<tr>
<td>OA16 Canine Helminths</td>
<td>OA17 Molecular Tools I</td>
<td>OA18 Leishmania</td>
<td>OA19 Nematode Molecular Tools, Resistance I</td>
<td>OA20 IAFWP Symposium</td>
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### Lunch Break
12:30 - 13:30
Exhibit Hall, Hall A, Level 1

### Boehringer Ingelheim Seminar - Changing Landscape of Ruminant Parasite Control
12:30 - 13:30
Breakout Room 3, Hall of Ideas F&I, Level 4

### Coffee Break & Poster Session 2 with Authors
15:30 - 16:30

### Oral Breakout Presentations
16:30 - 18:00

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<tr>
<td>OA26 Canine Helminths II</td>
<td>OA27 Epidemiology</td>
<td>OA28 Alternative treatments for Parasites in Ruminants II</td>
<td>OA29 Unusual Protozoa</td>
<td>OA30 IAFWP Symposium</td>
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### Program at a Glance

#### Wednesday, July 10

**Fun Run**  
Sponsored by Boehringer Ingelheim  
07:00 - 08:30

**Plenary Lecture 4.0**  
Veterinary Entomology: Outbreak and Advancements  
08:30 - 10:30  
Plenary Hall, Madison Ballroom, Level 4

**Coffee Break**  
10:30 - 11:00  
Exhibit Hall, Hall A, Level 1

**Oral Breakout Presentations**  
11:00 - 12:30  
Exhibit Hall, Hall A, Level 1

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<tr>
<td>OA31 Anthelmintic Resistance in Ruminants</td>
<td>OA32 Avian Parasites</td>
<td>OA33 Equine Cytostomes I</td>
<td>OA34 Flies and Fly control in Ruminants</td>
<td>OA35 Ruminant Trematodes I</td>
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**Lunch Break**  
12:30 - 13:30  
Exhibit Hall, Hall A, Level 1

**Coffee Break & Poster Session 3 with Authors**  
15:30 - 16:30

**Oral Breakout Presentations**  
16:30 - 18:00  
Exhibit Hall, Hall A, Level 1

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<td>OA36 Treatment and Control of GI Nematodes in Ruminants</td>
<td>OA37 Poultry Coccidia, Aquatic Infections</td>
<td>OA38 Equine Cytostomes II</td>
<td>OA39 Insecticide and Acaricide Resistance in Ruminants</td>
<td>OA40 Zoonoses</td>
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**Merck Product Launch and Reception**  
Because science never stops, Merck Animal Health works  
18:00 - 20:00  
Plenary Hall, Madison Ballroom, Level 4

#### Thursday, July 11

**Oral Breakout Presentations**  
08:30 - 10:30  
Exhibit Hall, Hall A, Level 1

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<tr>
<td>OA41 Biology and Pathology of GI Nematodes in Ruminants</td>
<td>OA42 Diagnostic Technique</td>
<td>OA43 Equine Parasites</td>
<td>OA44 Canine Arthropods</td>
<td>OA45 Ruminant Trematodes II</td>
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**AAVP, LIWC, & WAAVP Organization Meetings**  
11:00 - 12:30  
Plenary Hall, Madison Ballroom, Level 4

**AAVP & WAAVP Joint Awards Ceremony**  
13:30 - 15:30  
Plenary Hall, Madison Ballroom, Level 4

**Closing Ceremony**  
15:30 - 16:00  
Plenary Hall, Madison Ballroom, Level 4

**Gala Dinner at the Overture Center for the Arts**  
18:00 - 23:00  
Plenary Hall, Madison Ballroom, Level 4