Sunday, November 15

8am-12pmPlenary: Artificial Intelligence in Pathology and Medicine - From Foundation Models to Clinical Practice

8am Welcome from the ACVP President *Anne Provencher*

8:05am Flowers for Algorithm: AI and Veterinary Medicine *Eli Cohen*

8:55am Closing the Loop: Building and Deploying Veterinary Pathology AI at Industry-Scale Labs *Michael Fitzke*

9:45am Education Break

10:15am Teaching Machines to Read Pathology: Towards Quantitative, Reproducible Data for Clinical Trial Endpoints *Kelly Credille*

11:05am Reimagining Pathology: Harnessing Digital Pathology and AI to Transform Clinical Care, Education, and Research *Anil Parwani*

Grand Ballroom 7

12:15-1:15pm Veterinary Student Platform Session

12:15pm Histopathologic Description of Avian Philophthalmiasis: Lesions and Implications *Kristina Camarena*

12:21pm AI-Based Whole Slide Image Analysis for Classification of Lymph Node Metastasis in Canines with Mast Cell Tumors *Lydia Zermuehlen*

12:27pm Assessment of Femoral Head Tissue Changes in Response to Drilling in a Piglet Model of Legg-Calve-Perthes Disease *Viktorie Menna*

12:33pm Domestic Cats Have Variable Seropositivity for Sars-Cov-2 Omicron B.1.1.529 and Wuhanhu-1 Variants Years After Virus Emergence *Taylor Crisologo*

12:39pm A Retrospective Analysis of Reproductive Tract Lesions and Risk Factors in Zoo-Managed Female Ursids *Grace Sherlitz*

12:45pm Uroperitoneum Secondary to Pubic Exostosis in a Horse *Emma Adams*

12:51pm The Collaborative Cross Mouse Model Reveals Genetic Basis for Susceptibility and Resistance to Primary Amebic Meningoencephalitis *Kayla Floyd*

12:57pm Flaviviral Ocular Pathology in Experimentally Infected Passerine Birds *Jasmine Mackley*

1:03pm Forensic Investigation of the Pancreas: How Reliable Are Zymogen Granules in Decomposed Versus Starvation Cases *Christian York*

1:09pm Tumors in Paradise: A Retrospective Study of Neoplasia in Caribbean African Green Monkeys *Jaypal Bedi*

Grand Ballroom 10

12:15-1:15pm Advancing AI-Assisted Grading: Improving Concordance, Speed and Consistency in Canine Mast Cell Tumors *Ryan Powers; Richard Fox*

Grand Ballroom 1	Grand Ballroom 2	Grand Ballroom 3	Grand Ballroom 4
1:30-5pm Discussion Forum - Shaping the Future with Artificial Intelligence	**1:30-5pm Fundamentals of Instrument and Method Validation**	**1:30-5pm Diagnostic Pathology Focused Scientific Session I**	**1:30-5pm Clinical Pathology-Histology Correlations in One Pathology**
1:30pm AI Awareness, Adoption, and Attitudes Among Veterinary Pathologists *Candice Chu*	1:30pm Planning for Success: Validation Goals, Timelines, IQ/OQ and Creating a Validation Plan *Kirstin Barnhart*	1:30pm Neurodegenerative Disease in a Transgenic Mouse Model Lacking Microglia *Patrice Witschen*	1:30pm Anatomic and Clinical Pathology Correlates in Hepatic Disease *Hamideh Esmaeilzadeh; Megan Schreeg*
		1:40pm Cutaneous Lagenidium Deciduum in the Tail of a Kitten *Christina Middendorf*	
		1:50pm Concurrent Acute Leukemia and Disseminated Listerosis in an Adult Dog *Danielle Ahmed*	
2pm Panel Discussion *Eli Cohen, Lauren Himmel, Richard Luong, Derick Whitley*		2pm Using Gene Expression Profiling to Diagnose Canine Cutaneous Round Cell Tumors with Nanostring Technology *Elizabeth McQuaid Butler*	
	2:10pm Let's Validate! Execution, Data Review, Excursions, and Final Transition *Samantha Wildeboer*	2:10pm Distinct Streptococcus Equi SSP. Zooepidemicus Sequence Types Associated with Concurrent Diease in Dogs and Cats During Shelter Outbreak *Chelsea C. Pulter*	
		2:20pm Primary Cerebellar Granular Cell Degeneration in a Miniature Dauchsund Puppy with Novel Genetic Variant *Katherine Gingrich*	2:15pm Anatomic and Clinical Pathology Correlates in Diseases of Horses *Ashley Parsley; Brittany Rasche*
		2:30pm Retrospective Study of Spontaneous Neoplasms in a Closed Research Colony of Northern Greater Galagos *Catherine O. Black*	
		2:40pm Toxic Epidermal Necrolysis in an English Springer Spaniel Dog *Rahul Kumar*	
		2:50pm Pancreatitis, Polyarthritis, and Panniculitis Syndrome in a Canine with Pancreatic Adenocarcinoma *Emily Lewis*	
3pm Education Break			
3:30pm Implementing AI: Leading Hearts, Minds, and Habits *Jodie Gerdin*	3:30pm Same Blood, Different Analyzer: Managing a Hematology Platform Transition from ADVIA to Sysmex *Liza Bau-Gaudreault*	3:30pm Cytologic and Diagnostic Imaging Findings of Presumed Spontaneous Regression of Multifocal Metastatic Osteosarcoma in a German Shepherd Dog *Kathleen Hu*	3:30pm From Analyzer to Microscope: Case Studies in Integrated Toxicologic Pathology Assessment *Nick Vetter; Dania Villarnovo*
		3:40pm Spindle Cell Squamos Cell Carcinoma of the Mandible in a Horse *Alejanrda S. Moreno*	
		3:50pm Acquired Fanconi's Syndrome Secondary to Copper-Associated Hepatopathy in a Dog *Kari Frankhouse*	
4pm Panel Discussion *Eli Cohen, Lauren Himmel, Richard Luong, Derick Whitley*	4pm When the Unexpected Happens: Validation Challenges and Roundtable Discussion *Peter Szczerba*	4pm Renal Dysplasia with Concurrent Nutritional Secondary Hyperparathyroidism in a Pembroke Welsh Corgi Puppy *Maedeh Rafiee*	
		4:10pm Papillomavirus-Induced Cervical Squamos Cell Carcinoma with Lung Metastasis in a Rehsus Macaque *Anne Devorak*	4:15pm Anatomic and Clinical Pathology Correlates in Neurological Disease *Kerry Goldin; Davis Seelig*
		4:20pm Poorly Differentiated Sinonasal Carcinoma with Cribriform Plate and Intracranial Invasion in Bobcat *Sahar Abdelrahman*	
		4:30pm Epizootic Hemorrhagic Disease Virus in Cattle in Oregon: Abortions and Fetal Central Nervous System Lesions *Aarathi Sureshkumar*	
		4:40pm Metastatic Primitive Neuroectodermal Tumor in a Budgerigar *Madison Callicott*	
		4:50pm Duchenne Muscular Dystrophy in a Maltese Dog *Chi-Hsuan Sung*	

7-9pm Neuropathology Mystery Slide Session

Monday, November 16

<table>
<tr><th>Grand Ballroom 1</th><th>Grand Ballroom 2</th><th>Grand Ballroom 3</th><th>Grand Ballroom 4</th></tr>
<tr><td>8am-12pm Wildlife Health and Conservation</td><td>8am-12pm Comparative Immuno-Oncology: Translational Insights from Companion Animal Cancers</td><td>8am-12pm Navigating Disease and Health in Aquatic Research Models</td><td>8am-12pm Diagnostic Pathology Focused Scientific Session II</td></tr>
<tr><td rowspan="3">8am
Beyond the Diagnosis: Hemorrhagic Disease and Chronic Wasting Disease in Deer
Mark Ruder</td><td rowspan="3">8am
Targeting the Metastatic Microenvironment in Canine Osteosarcoma
Daniel Regan</td><td>8am
Session Introduction</td><td>8am Extracranial Orbital Meningioma with Osteocartilaginous Metaplasia Juan Pablo Velasco Montes de Oca</td></tr>
<tr><td rowspan="3">8:05am
Considerations for Amphibian Aquatic Research Models
George Sanders</td><td>8:10am Knufia Epidermidis-Associated Ulcerative Dermatitis in a Veiled Chameleon Ladislav Nototny</td></tr>
<tr><td>8:20am Prevalence of Listeriosis, Peste Des Pestis Ruminants, and Foot-and-Mouth Disease in Goats and Sheep of Nowshera and Swabi Districts, Pakistan Luqman Alam</td></tr>
<tr><td rowspan="3">8:50am
Seals, Seabirds, and Influenza: Causes and Consequences of HPAI in Marine Mammals
Wendy Puryear</td><td rowspan="3">8:50am
Leveraging Comparative Oncology for Novel Anti-Metastatic Immunotherapy Trials
Robert Canter</td><td>8:30am Neocrotizing Bacterial Pneumonia in a Salmon Jungle Boa Associated with a Mixed Infection of Stenothrophomonas Maltophilia and Bowdeniella/Actinomyces Nasicola Elizabeth Howerth</td></tr>
<tr><td>8:40am Cutaneous Phaeohyphomycosis in Horses Cody Rinker</td></tr>
<tr><td rowspan="3">8:55am
Interpreting the Teleost Slide: Histopathologic Challenges in Fish Studies
Abigail Armwood</td><td>8:50am Effects of Plastic Ingestion in Penguins Stranded Along the Chilean Coast Carlos A. Flores Olivares</td></tr>
<tr><td rowspan="3">9am Enhancing One Health Surveillance: Harmonizing Military Working Dog Diagnostic Terminology with Nonclinical and Human Clinical Coding Systems Sabrina McGraw</td></tr>
<tr><td rowspan="3">9:10am Dental Pathology Associated with Elevated Groundwarter Fluoride Concentrations in Seedstock Aberdeen Angus Bulls in Argentina
Santiago Diab</td></tr>
<tr><td rowspan="3">9:20am Phalaris Angusta Intoxication in Ruminants from Central Argentina: A Retrospective Case Series Santiago Diab</td></tr>
<tr><td rowspan="3">9:30am Q&A</td></tr>
<tr><td colspan="4">9:45am Education Break</td></tr>
<tr><td rowspan="3">10:15am
Emerging Diseases of Wild Fish Populations: Pathology and Implications
Abigail Armwood</td><td rowspan="3">10:15am
Combination Immune Checkpoint Blockade in Canine Cancers
Nicola Mason</td><td rowspan="3">10:15am
An Introduction to Marine Mammals in Translational Research
Rebecca Bacon</td><td>10:15am A Quantitative Analysis of Efficiency and Accurace Gains in AI-Assisted vs. Manual Canine Mast Cell Tumor Grading Richard Fox</td></tr>
<tr><td>10:25am Rectal Mucosal Macrophage Differentiation and Distribution in Equine Inflammatory Bowel Disease Daniel Jean</td></tr>
<tr><td>10:35am A Retrospective Study of Tonsillar Lesions in 128 Dogs Amanda Blubaugh</td></tr>
<tr><td rowspan="3">11:05am
Wildlife Wellness Is Changing: An Epidemiological Approach to Understanding Pathogen Detection
Matthew Allender</td><td rowspan="3">11:05am
Exploring Neoadjuvant Immune Modulation with STING Agonists in Primary Canine Osteosarcomas
Brian Ladle</td><td rowspan="4">10:50am
Diving in a Dish: Uncovering Cellular Adaptations to Oxygen Sensing and Energetics in the Deepest Dive
Jason Somarelli</td><td>10:45am Characterization of Synovial Amyloidosis in a Komodo Dragon Using Ultrastructural, Biophysical, and Immunochemical Techniques Eleana Alina Demeter</td></tr>
<tr><td>10:55am The Effect of Decalcification Methods on Rnascope in SITU Hybridization Signal Amplification in Turtle Shells Megan Colburn</td></tr>
<tr><td>11:05am Bovine Abortion & Neonatal Loss Attributed to Highly Pathogenic Avian Influenza (NPAI) H5N1 CLADE 2.3.4.4B Jennine Ochoa</td></tr>
<tr><td>11:15am Aberrant Migrantion of Angiostronglyus Cantonensis in the Central Nervous System of a Capybar Margaret Odom</td></tr>
<tr><td></td><td></td><td>11:25am Discovery of a Putative Novel Basal Entamoeba Species in a Captive Bearded Dragon Lina Crespo Bilhalva</td></tr>
<tr><td></td><td></td><td>11:35am A Rare Presentation of a Lung Lobe Torsion Associated with Chylous Pleural Effusion in a Cat Sebastian Gomez</td></tr>
<tr><td></td><td></td><td>11:50am Q&A</td><td>11:45am Q&A</td></tr>
<tr><td colspan="2">Grand Ballroom 1</td><td colspan="2">Grand Ballroom 5</td></tr>
<tr><td colspan="2">12-1:30pm LCPG Education Session
Patterns of Injury and Morphologic Responses in the Eye Leandro Teixeira</td><td colspan="2">12:15-1:15pm Hematology Comercially Supported Symposium
New Ways of Reporting Old Parameters John Harvey</td></tr>
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Monday, November 16

Grand Ballroom 2	Grand Ballroom 3	Grand Ballroom 4	Grand Ballroom 5
1:30-2:30pm Emerging Disease Session	**1:30-5pm Industrial and Toxicologic Pathology Focused**	**1:30-5pm The Pathogens We Share**	**1:30-5pm Clinical Pathology Focused Scientific Session I**
1:30pm New World Screwworm Re-Emergence: Pathogenesis, Surveillance, and the Risk of Re-Invasion in the US *Roger Ramirez-Barrios*	1:30pm Humanized Mouse Models in Toxicologic Pathology: An Overview and Translational Case Study	1:30pm Parvoviral Persistence and Potential Impact *Patricia Pesavento*	1:30 Method Comparison Made Practical *A Russell Moore*
	2:15pm Transgenic Models in Toxicologic Pathology *Robert Johnson*	2:15pm Investigating the Parameters Controlling Infectious Prion Transmissions in Animals and Humans *Glen Telling*	2:30pm Maldi-Tof MS to Detect Melanoma Circulating Tumor Cells in Dogs: A Proof-of-Concept Analysis *Fwu Shing Teng*
			2:45pm Mast Cell Tumor of the Tongue in a Horse with Lymphovascular Invasion *Sofía Dazarola*
3pm Education Break			
3:30-5pm Natural Disease Focused Scientific Session I			
3:30pm Urbanization and Habitat Alteration as a Contributor to Disease in Pacific Northwestern Anadromous Salmon *Jan Lovy*	3:30pm Hydroxysteroid 17-Beta Dehydrogenease 7 Required for Proper Neural Development *Bayla Bessemer*	3:30pm Severe Malaria and Brain Injury: Can Human Data Inform Animal Studies? *Chandy John*	3:30pm Prognostication of Canine Cutaneous Mast Cell Tumors via Flow Cytometric Quantification of KI-67 *BinXi Wu*
	3:42pm Acute Cobalt Toxicosis in Cutthroat Trout (Onchorhynchus Clarkii): Lateral Line Injury, Branchitis, and Mortality *Joie Lin*		3:45pm Circulating Tumor DNA Captures a Broader Mutational Spectrum and Core Oncogenic Signaling in Canine B-Cell Lymphoma Compared to Single-Site Tumor Biopsies *Priscila Serpa*
	3:54pm Pathology of Experimental Organometallic Lubricant Additive Toxicity in Sprague Dawley Rats *Marc Mattix*		
4pm Predators Under Pressure: Pathbiology of Highly Pathogenic Avian Influenza Virus Versus West Nile Virus in North American Raptors *Nicole Nemeth*	4:06pm Comparison of Whole-Lung and Lobe Specific Acute Lung Injury Scoring for Predicting Respiratory Function in an LPS-Induced Rat Model *Predrag Novakovic*		4pm Spatial Transcriptomic Analysis of Low-Grade Intestinal T-Cell Lymphoma and Lymphoplasmacytic Inflammatory Bowel Disease in Cats *Laura Victoria Quishpe Contreras*
4:15pm Ocular Manifestation of Sacrocystosis in a Colony of White-Fronted Bee-Eaters *Shotaro Nakagun*	4:18 Fibrotic Lung Remodeling Alters Tumor Target Expression and Shapes Safety Risk in Lung-Directed Cancer Therapies *Enrico Radaelli*	4:15pm Alphavirus Emergence: Chikungunya Virus in Humans and Western Equine Encephalitis Virus in Equids *Lark Coffey*	4:15pm Proof-of-Concept Study of Microrna Expression in Intenstinal Samples from Cats with Low-Grade Intestinal Lympoma and Lymphoplasmacytic Inflammatory Bowel Disease *Laura VIctoria Quishpe Contreras*
4:30pm Characterizaiton of Sin Nombre Hantavirus Tissue Toprism in Naturallay Infect Deet Mice Usind RT-QPCR and RNAscope in SITU Hybridization *Rebecca Radisic*	4:30pm Cross-Model Agility for Deep Learning Detection of Hepatocellular Necrosis Across Viral Hemorrhagic Fevers *Akhil A. Vinithakumari*		4:30pm Accuracy of Fine Needle Aspiration Cytology for Detection of Metastatic Disease in 189 Cervical Lymph Nodes from Dogs with Oral Tumors *Luke Bartkus*
4:45pm The Pathology, Host Range, and Geographic Distribution of Emerging Zoonotic Thelazia Callipaeda in Pennsylvania *Hanna Reichert*	4:45pm Catheter Over Needle Tail Vein Infusions are Well-Tolerated and Successful Noval Method in C57BL/6 Mice up to 13 Weeks *Loni Schumacher*		4:45pm Retrospective Assessment of Lymphocyte Subtype Populations in Feline Lymphocyte-Rich Effusions and Challenges Associated with Effusion Immunocytochemistry
7-9pm Infectious Disease Mystery Slide Session			

Tuesday, November 17

Grand Ballroom 1	Grand Ballroom 2	Grand Ballroom 3	Grand Ballroom 4
8am-12pm Veterinary Forensic Pathology: The Classics and the Quirky	**8am-12pm From Petri Dishes to the Sea: Mechanisms of Carcinogenesis**	**8am-12pm Diagnosis of Large Animal Enterocolitis and Diarrhea**	**8am-12pm Clinical Pathology Focused Scientific Session II**
8am Importance of Clinical Pathology in Forensic Investigation of Suspected Animal Crimes *Laurie Millward*	8am Welcome and Introduction	8am Diagnosis of Enterocolitis and Diarrhea in Horses *Francisco Uzal*	8am Development of a Model of Interval Likelihood Ratios: A Parallel Path to Pathologist Probability-Modifying Terms *Helen Michael*
	8:10am California Sea Lions: A Natural Model for Ocean Health and Complex Carcinogenesis *Kathleen Colegrove*		8:15am Malssezia-Associated Anal Sacculitis with Anal Sac Rupture in a Dog *Linda Crespo Bilhalva*
			8:30am Disseminated Mycobacterium Avium Infection in a Dog with Progressive Gastrointestinal Disease *Danielle Ahmed*
		8:50am Diagnosis of Enterocolitis and Diarrhea in Pigs *Eric Burrough*	8:45am Theileria Orientalis in an Adult Beef Cow: An Emerging Tick-Borne Disease *Kari Frankhouse*
9am Ten-year Retrospective Analysis of Veterinary Forensic Pathology Cases Utilizing a Large Language Model *Chia-Lin Hsiou*	8:55am The Bare Necessities: Naked Mole-Rat's Toolkit for Cancer Resistance *Rochelle Buffenstein*		9am Electrophoretic Urine Protein Banding Patterns in Healthy Cats and Cats with Kidney Disease *Kate Sarkan*
9:15am Drowning: Case Comparison Between Post-Mortem Macroscopic and Microscopic Findings Madison Smalley			9:15am Evaluation of Direct Antiglobulin Testing Following Allogenic Blood Transfusion in Dogs *Bridgette Murphy*
			9:30am Evaluation of Large Language Models for Supporting Clinical Pathology Data Interpretation in Non-Clinical Safety Assessment *Valerie Wong*
9:45am Education Break			
10:15am Straightforward Forensic Veterinary Pathology Case? Yes, They Do Exist! *Nanny Wenzlow*	10:15am Metastatic Osteosarcoma in Dogs: A Naturally Occuring Model for Human Disease *Jessica Beck*	10:15am Diagnosis of Enterocolitis and Diarrhea in Cattle *Brandon Plattner*	10:15am Use of Biologic Variation in Interpretation of Laboratory Results Kathleen Freeman
10:45am What Can the Lungs Tell Us in Asphyxia Deaths? Gross Pulomnary Findings, Foresnic Interpretation, and DIagnostic Pitfalls *Wei-Hsiang Huang*			
11:15am Slaughtered, Sliced, and Sauteed: Forensic Postortem Examination of a Canid Prepared for Consumption *Ayla Musciano*	11:00am Studying Pancreatic Cancer: From 3D Co-Culture to Organoids to Mouse Models *Melissa Fishel*	11:05am Diagnosis of Enterocolitis and Diarrhea in Small Ruminants *Javier Asin*	
11:30am Beyond the Headlines: Tiger Deaths in the Joe (Exotic) Maldonado Case *Tabitha Viner*			

Grand Ballroom 1	Grand Ballroom 7
12:15-1:15pm Elevating the Profession: A Dialogue with Pathology's Transformative Leaders *K. Paige Carmichael; Frederick Tippet*	**12:15-1:15 Choosing a Career: Perceptions and Values of Early Pathologists and Trainees** *Abigail Armwood; Talia Wong*

Grand Ballroom 2	Grand Ballroom 3	Grand Ballroom 4	Ballroom 5
1:30-5pm Experimental Disease Focused Scientific Session	**1:30-5pm Two Topics in Veterinary Pathology -- Image Editing and Validation Studies**	**1:30-5pm Natural Disease Focused Scientific Session II**	**1:30-5pm Integrated Clinical Pathology and Anatomic Pathology Challenges Session**
1:30pm High-Fat Diet Exacerbates Helicobacter pylori-Associated Disease *Valerie O'Brien*	1:30pm Press Ready Photos, First Time Every Time *Hayley Amerman*	1:30pm Hand in Paw: A Coparative Approach to Deciphering the Immunopathogenesis of Canine Meningoencephalitides of Unkown Origin *Sophie R. Nelissen*	
		1:45pm In Situ SLAMF1 Splice Variant Correlates with Escherichia Coli-Associated Granulomatous Colitis of Boxers and French Bulldogs *Donghyn K. Lee*	
2pm Effects of Chronic Low-Dose Radiation on Liver Function: A Study to Support Military Readiness in Air and Space Travel *Lisa Crevoiserat*	2pm An Introduction to Validation and Validation Studies *Joshua Webster*	2pm Prevalence, Tissue Distribution and Disease Association of Feline Bocaparvovirus Species in a Population of Domestic Cats *Sarah Zurbuchen*	
2:15pm Integrated Imaging-Pathology Frameworks for Tissue Localization, Validation, and Biologic Interpretation in Experimental DIsease Models *Carlyn Labriola*		2:15pm Histological Features of Domestic Cat Hepatitis B Virus (DCHBV)-Positive Hepatocellular Carcinoma *Vinicius Dahm*	
2:30pm Intraneuronal Mutant Serpina1 Expression in Alpha-1-Antitrypsin Deficiency Mouse Models *Amy Flis*	2:20pm Multi-Institutional Study to Validate a Diagnostic Algorithm for Mammary Tumor Classification *Valentina Zappulli*	2:30pm Comparative Histologic Survey and Transcriptomic Investigation into Canine Prostate Carcinoma *Nathan Hoggard*	
2:45pm Histopathologic Evaluation of Experimental Oligofructose-Induced Equine Laminitis Following Clopidogrel Administration *Krysten Schmidt*		2:45pm Toll-Like Receptor 4 Expression in Canine Osteosarcoma: A Pilot Study *Kelli Chan*	
3:00pm Education Break			
3:30pm Evaluation of the C57Bl/6 Aire-Deficient Mouse as a Model of Age-Associated Prostatic Inflammation and Hyperplasia *Meaghan Broman*	3:30pm Beyond Eyeballing: Recommendations for Validating AI-Based Image Analysis Algorithms *Christof Bertram*	3:30pm Retrospective Review of Syngnathid Brood Pouch Changes *Samantha Oakey*	**Integrated Clinical Pathology and Anatomic Pathology Challenges Session cont'd**
		3:45pm Description of 341 Teratomas in Mammals, Birds and Reptiles *Cassie McDonald*	
4pm Comparative Pathology and Genetic Features of Japanese High Pathogenicity Avian Influenza Virus Isolates *Hayate Nishiura*	4pm Lookin' Fresh: Histologic Scoring System for Freshwater Skin Disease in Bottlenose Dolphins *Kaylin McNulty*	4pm SLC40A1-Associated (Type 4B) Hemochromatosis in Rhesus Macaques: Discovery of a Large-Animal Model and Clinicopathologic Characterization *Anne Lewis*	
4:15pm Variation in Sub-Strain Pathogenesis and Conspecific Transmission of Highly Pathogenic Avian Influenza in Domestic Cats *Michelle Degnin*		4:15pm Pathological Survey of Sloths *Daniel Felipe Barrantes Murillo*	
4:30pm Equine Herpesvirus1 Immediate Early-Promoter-Associated Long Non-Coding RNA is Coexpressed with its IE Gene, In Vivo *Paul Valcorza*	4:30pm Spot the Bug: From Suspicion to Confirmation *Elena Alina Demeter*	4:30pm Histologic Characterization of Gill Lesions Associated with Parvicapsula Minibicornis in Sockeye Salmon from the Lake Washington Watershed *Brian Chambers*	
4:45pm The Potential for Jamacian Fruit Bats to Transmit Monkeypox Virus *Amy MacNeill*		4:45pm Parasite Distribution and Lesion Severity in Captive Chelonians with Testudine Intranuclear Coccidiosis *Keegan Lim*	