



2024 ACVP/ASVCP Annual Meeting Program

**as of November 5, 2024*

Friday, November 15

5-8pm

Meeting Registration open

5-8pm

Speaker Ready Room open

Saturday, November 16

7am-7pm

Speaker Ready Room open

7am-7:30pm

Meeting Registration open

8am-12:30pm, 2-5pm

ACVP Primate Pathology Workshop: Natural and Spontaneous Pathology of the Special Senses in Non-Human Primates

**Additional fee required*

Chairs: Sushan Han, DVM PhD DACVP; Mary Duncan, BVMS PhD DACVP; Katherine Olstad, DVM DACVP; Sarah Beck, DVM PhD DACVP

This year's workshop will be of interest to all attendees as we delve into comparative anatomy and pathology of the special senses in non-human and human primates, along with many other species. The pathologic approach and examination of these intricate systems can present a challenge to the veterinary pathologist, and the goal of this workshop is to explore the normal anatomy as well as comparative and spontaneous pathology of the special senses. The morning session will include keynote presentations from experts in the field. The afternoon session will focus on a diversity of primate pathology presented by workshop attendees and including special senses pathology and much more.

**Case histories and slides will be posted on acvp.org in the weeks preceding the Annual Meeting.*

8-8:10am

Welcome and Introductions

8:10-9:10am

The Pathobiology of Primate Eyes

Dick Dubielzig, DACVP DACVO (hon)

University of Wisconsin

9:10-10:10am

Monkeys and the Macula

Glenn Yiu, MD PhD

UC Davis Health

10:10-10:30am

Break

10:30-11:30am

Breathtaking Olfactory and Other Nasal Pathologies in Monkeys and Mice: A Comparative Look at Air Pollution's Toll on the Nose

Jack Harkema, DVM PhD DACVP ATSF

Michigan State University

11:30am-12:30pm

Non-Human Primate Ears: Anatomy and Disease

Bradley Njaa, DVM MVSc DACVP

Greenfield Pathology Services, Inc.

12:30-2pm

Break

2-5pm

Case Presentations

2-2:15pm

Case 1: Rhesus Fetus With Multiple Congenital Abnormalities Related to Oligohydramnios (Potter's Sequence)

Melissa Roy, DVM DACVP

2:15-2:30pm

Case 2: Histopathological Analysis of Juvenile Cataracts and Secondary Glaucoma in a Rhesus Macaque

Jiashi Feng

2:30-2:45pm

Case 3: Helicobacter-Associated Hypertrophic Gastritis in a Hamadryas Baboon (Papio Hamadryas)

Laine Feller

2:45-3pm

Case 4: Granulomatosis Choroiditis and Optic Neuritis Due to Experimentally Induced Mycobacterium Tuberculosis in a Rhesus Macaque (Macaca Mullata)

Akhil Vinithakumari

3-3:15pm

Case 5: Lysosomal Storage Disease in a Rhesus Macaque (Macaca Mullata)

Javier Barrera Zarate

3:15-3:30pm

Case 6: Sarcina-like Organisms in An Olive Baboon with Acute Gastric Dilatation

Lindsey Ferguson

3:30-3:50pm

Break

3:50-4:05pm

Case 7: Gorilla With Cardiac Failure and Typhlocolitis

Megan Colburn, DVM

4:05-4:20pm

Case 8: Optic Perineuritis Due to Klebsiella Pneumoniae Infection in a Rhesus Macaque (Macaca Mulatta)

Sarah Eusebi

4:20-4:35pm

Case 9: Hypertensive Retinopathy, Cardiomyopathy, and Nephropathy in a Laboratory Spix's Owl Monkey

Xuan Hui Teo, DVM

4:35-4:50pm

Case 10: Rhesus Macaque With Severe Bilateral Scleritis and Episcleritis

Anne Lewis, DVM PhD DACVP

4:50-5pm

Closing remarks

8am-12pm, 1:30-5pm

ASVCP Workshop: Endocrine Excellence -- Navigating the Hormonal Highways – A Workshop on Endocrinopathies

**Additional fee required*

Chairs: Nicole Kaiser, DVM MVSc DACVP; Samantha Schlemmer, DVM MS DACVP

This year's ASVCP workshop will highlight commonly encountered endocrine diseases (affecting companion animals), focusing on clinical pathology diagnostics and succinct review of pathophysiology. The day-long workshop will guide participants through the complexities of endocrinopathies utilizing didactic sessions and interactive case-based discussions, culminating in an expert panel Q&A session.

The didactic sessions will be structured by organ/disease (namely hyperadrenocorticism, hypoadrenocorticism, hyperthyroidism, hypothyroidism, hyperparathyroidism, and hypoparathyroidism) and will include integrated review and explanation of physiology, pathology, testing, and interpretation by internists and pathologists. Pathology will include cytology and histopathology/gross correlates for corresponding endocrine neoplasia, and clin path testing will introduce endocrine assays. Case discussions will build on the didactic sessions and dive further into assay variability and clinical case interpretations (straightforward or perplexing).

This workshop is designed to engage participants of all levels. The expert speakers are a mixture of internists and pathologists, certain to provide excellent clinical integration and valuable insights into decoding endocrinopathies!

Presenters

Jean Brudvig, DVM MPH PhD DACVP (CP)

Michigan State University

Arnon Gal, DVM PhD DACVIM (SAIM) DACVP (AP)

University of Illinois at Urbana-Champaign

Luca Giori, DVM PhD

University of Tennessee-Knoxville

Don Meuten, DVM PhD DACVP (AP & CP)

North Carolina State University; VCGP

Saturday, November 16

Alaina Moon, DVM DACVIM (SAIM)
Specialty VetMed

8-10am

Hypothalamic-Pituitary-Adrenal Axis

Gal, Meuten, Giori

10-10:15am

Break

10:15am-12pm

Thyroid

Moon, Meuten, Brudvig

12-1:30pm

Break

1:30-2:30pm

Parathyroid

Moon, Meuten, Brudvig

2:30-3pm

Endocrine Case-Based Discussions

All

3-3:15pm

Break

3:15-4:30pm

Endocrine Case-Based Discussions

All

4:30-5pm

Questions and Answers

All

8am-12pm, 1:30-5pm

Davis-Thompson Foundation Workshop: No Guts, No Glory: A Review of Gastrointestinal Tumors

**Additional fee required*

Chair: Kelsey Fiddes, DVM DACVP DACVPM

Speakers will present a workshop based on material from the upcoming fifth volume of the series, "Surgical Pathology of Tumors of Domestic Animals: Tumors of the Gastrointestinal System." This meeting will target veterinary students, interns, residents, and anatomic pathologists involved in diagnostics. The conference will be organized into presentations and case-based interactive discussions with digital microscopy files available to registrants prior to the meeting. This workshop will focus on how to approach identification of tumors of the GI system, highlighting the most recent changes in nomenclature, principles and guidelines for diagnosis and reporting. Attendees will recognize the importance of combining clinical, gross, and microscopic interpretation for diagnosis, including GI biopsies. [More information.](#)

8-8:15

Welcome and Introductions

Saturday, November 16

8:15-8:45am

Anatomy, Diagnostic Methods, Margin Evaluation

Jesse Hostetter, DVM PhD DACVP
University of Georgia

8:45-9:30am

Cytology of the Gastrointestinal Tract

Dorothee Bienzle, DVM PhD DACVP CAHSF
University of Guelph

9:30-10am

Break

10am-12pm

Epithelial Tumors of the Gastrointestinal Tract, Non-Neoplastic Tumors of the Stomach

John Munday, BVSc PhD DSc DACVP
Massey University

12-1:30pm

Break

1:30-2:15pm

Spindle Cell Neoplasia of the Gastrointestinal Tract

Hostetter

2:15-3pm

Round Cell Tumors of the Gastrointestinal Tract

Brandon Plattner, BSc DVM PhD DACVP
Kansas State University

3-3:30pm

Non-Neoplastic Tumors of the Intestines

Francisco Uzal, DVM FRVC MS PhD DACVP
California Animal Health and Food Safety Lab

3:30-4pm

Break

4-5pm

Digital Slide Session and Panel Discussion

All

8am-12pm

ACVP Workshop: Fleshing out the Foundations of Forensics

**Additional fee required*

Chairs: Tabitha Viner, DVM DACVP; Nanny Wenzlow, DMV PhD DACVP MRCVS

A mix of didactic lectures and group, problem-solving activity, this workshop will educate attendees in the foundations of veterinary forensic pathology. Lectures will cover veterinary forensic pathology standards compiled by the American Standards Board, and effective evidence handling and documentation techniques, including photography, report writing, and record keeping. Attendees will be able to apply these concepts in break-out groups presented with real-life case materials and virtually work one or more forensic cases from beginning to end.

Saturday, November 16

Presenters

Tabitha Viner, DVM DACVP
National Fish and Wildlife Forensics Laboratory

Nanny Wenzlow, DMV PhD DACVP MRCVS, Forensic Veterinary Pathologist
Texas Tech University School of Veterinary Medicine

8am-2:45pm

ASVCP Executive Board Meeting

**Invitation only*

8am-5pm

ACVP Board of Directors Meeting

**Invitation only*

12-2pm

Veterinary Pathology Journal Editors Lunch

**Invitation only*

1:30-5pm

ACVP Faculty Leadership Workshop: Leading the Way: Exploring Collegial Dynamics Amidst Career Advancement

**Additional fee required*

Chair: David Rotstein, DVM MPVM DACVP

This training will provide foundational leadership knowledge for faculty in their role as informal leader/effective follower to improve their career management as well as interactions with administrators and colleagues. In this workshop, we will explore case studies using the Academic Leadership Framework by Niewiesk and Garrity-Rokous.

Presenter

Stefan Niewiesk, DVM PhD DECLAM
The Ohio State University

3:30-5pm

Meet the Pathologists

Chairs: Mark Simpson, DVM PhD DACVP; Heather Shive, DVM PhD DACVP

Join us for an informative and insightful discussion on careers in veterinary pathology. Attendees will obtain astute perspectives from established or earlier career ACVP members from diverse sectors and disciplines. Panelists representing the variety of professional activities performed by veterinary pathologists will introduce their careers, discuss their paths, and describe how they benefit society in a variety of meaningful ways. We will welcome questions regarding these topics and the roles for pathologists in academic, industry, and research disciplines. This informal exchange is designed for veterinary students considering a career as a veterinary pathologist, as well as pathologists/pathologists-in-training thinking about how to navigate their professional trajectories.

Panelists

Adam Harris, DVM PhD DACVP
Colorado State University

Saturday, November 16

Brittany Rasche, DVM DACVP
Kansas State Veterinary Diagnostic Laboratory

Heather Sheppard DVM PhD DACVP
St. Jude Children's Research Hospital

4:15-5:30pm

ASVCP Committee Chairs Meeting

**Invitation only*

5:30-7pm

Exhibit Hall open

Welcome Celebration

Featuring a special Diversity, Equity, and Inclusion (DEI) Committee welcome, veterinary student poster viewing with authors present, and exhibit booths first look!

All meeting attendees are invited and welcome to participate in the kick-off of the 2024 Annual Meeting! Stop by the ACVP booth to connect with the DEI Committee to celebrate and acknowledge diversity, equity, and inclusion. There will be information available regarding DEI initiatives, LGBTQ and BIPOC-owned local Seattle businesses, a prize drawing and a complimentary ACVP 75th anniversary gift! Use this opportunity to reconnect and network with ACVP and ASVCP colleagues, interact with veterinary students presenting scientific posters and visit our exhibitors to find out more about vet path products and services. A complimentary drink of your choice and light snacks will be offered with the intent for colleagues to make dinner plans on their own, post-celebration!

7-9pm

CSU Alumni & Friends Reception

Contact: Aaron Phaneuf

[RSVP](#)

7-9pm

Iowa State University Alumni Reception

Contact: Amanda Fales-Williams

7-9pm

NC State Alumni Reception

Contact: Devorah Stowe

7-9pm

Student/Resident Mixer with the Society for Toxicologic Pathology

Contact: Sarah Coe

All students and residents welcome.

7-9pm

University of Guelph Alumni Get Together

Contact: James Mori

Saturday, November 16

Sunday, November 17

6:30am-6:30pm

Meeting Registration open

6:30-7:30am

Yoga Flow with Katherine & Meditation with Sue

Chairs: Katherine Gibson-Corley, DVM PhD DACVP; Julie Engiles, VMD DACVP; Sue Knoblauch, DVM DACVP; David Rotstein, DVM MPVM DACVP; Leslie Wilson, DVM PhD DACVP

Join us for yoga and meditation during the 2024 ACVP Annual Meeting! Fellow Diplomates, yoga teachers, and meditation experts will lead in-person sessions in the morning before the meeting begins. Classes are designed for beginners but will be appropriate for all yoga and meditation practitioners. Everyone is welcome!

7am-6pm

Speaker Ready Room open

7-8am

Sunrise Poster Viewing: Diagnostic Pathology

Coffee and tea available.

7-8am

ACVP Board and Certifying Examination Board Meeting

**Invitation only*

7-8am

ACVP DEI Committee Meeting

**Invitation only*

7-8am

ACVP Pathology Informatics Committee Meeting

**Invitation only*

7-9am

ACVP Veterinary Student Breakfast

Chairs: Abigail Armwood, DVM PhD DACVP; Olivia Patania, DVM PhD DACVP; Lauren Stranahan, DVM PhD DACVP

ACVP's Student Engagement Committee invites all veterinary students at the 2024 Annual Meeting to join us for a breakfast and networking event. The event will highlight opportunities for students, including several exciting new initiatives from the Student Engagement Committee. One of these new initiatives, an upcoming annual pathology quiz bowl "Pathletes," will be introduced through a brief live competition; come see and learn more about this future opportunity! The Veterinary Student Poster Awards and this year's Mentor of the Year honoree will also be announced. Finally, this event also allows students to meet and mingle with committee pathologists, win prizes, and engage during a Q&A session fielding general inquiries about residency programs, application processes, and other questions students may have about the field of pathology.

Sunday, November 17

8am-12pm

ACVP and ASVCP Joint Plenary: Current Insights Into Liquid Biopsy in Humans and Veterinary Medicine and Bone Marrow Cyto-Histo Correlates

Chair: Kristina Meichner, DVM Dip ECVIM-CA (oncology) DACVP

This session will provide current insights on how liquid biopsy is used in human cancer diagnostics and will give an overview on liquid biopsy in veterinary medicine. In addition, it will explain how patient-derived tissue ("biopsy"), grown under cell culture conditions in "liquid," also known as organoids, can be used for preclinical drug testing, cancer research and other applications. Lastly, the popular Cyto-Histo Correlate Session is back this year and will focus on bone marrow!

8-8:05am

Welcome

ACVP President Lauri Diehl, DVM PhD DACVP

Gilead Sciences

ASVCP President Melinda Camus, DACVP

Auburn University

8:05-8:55am

Assay Development and Clinical Applications of Liquid Biopsy

Christina Lockwood, PhD DABCC DABMGG

University of Washington School of Medicine

8:55-9:45am

Liquid Biopsy: The Veterinary Perspective

Andi Flory, DVM DACVIM (Oncology)

Veterinary Specialty Consulting | Veterinary Specialty Hospital

9:45-10:15am

Break

10:15-11am

Applications of in Vitro Organs (Organoids) in Drug Discovery, Disease Mechanisms Studies, and More

Karin Allenspach, DMV PhD DECVIM-CA (IM)

University of Georgia

11am-12pm

Cyto-Histo Correlate Session -- Bone Marrow

Dorothee Bienzle DVM PhD DACVP (CP)

University of Guelph

Melissa Swan, DVM MS DACVP (AP)

University of Kentucky Veterinary Diagnostic Laboratory

8am-12pm

Veterinary Laboratory Professionals Session I

Chairs: Trellor Fraites, MLS (ASCP) MPH MBA; Sandy Sisson MT (ASCP)

The VLP sessions cover a broad array of practical and technical clinical pathology topics of interest to clinical pathologists, laboratory technicians, and managers, as well as interns, residents, graduate students in veterinary pathology programs, and veterinary students. Topics to be covered this year include large animal blood typing and cross matching, parasitology, immunocytochemistry, the Sysmex analyzer, cystatin and FGF23, wildlife clinical pathology, emerging tickborne disease and its impact on diagnostic testing, and determining laboratory testing fees.

Sunday, November 17

8-8:50am

Large Animal Blood Typing and Cross Matching

Pamela Wilkins, DVM PhD DACVIM ACVECC

University of Illinois College of Veterinary Medicine

8:55-9:45am

Let's Open a Can of Worms: The Questions We Encounter in Diagnostic Veterinary Parasitology, and the Questions That They Lead To...

Ashley McGrew, DVM PhD DACVM

Colorado State University

9:45-10:15am

Break

10:15-11:05am

Cell-ebrating Immunocytochemistry: From the Science to the Patient

Laura Black, DVM DACVP

SpecialtyVETPATH

11:10am-12pm

The Use of Cystatin B and FGF-23 in Small Animal Nephrology

JD Foster, VMD MS DACVIM (SAIM) DACVCP

Friendship Hospital for Animals

8:30-10:30am

ACVP Board of Directors Meeting

**Invitation only*

9-10:30am

Veterinary Pathology Journal Editorial Board Meeting

**Invitation only*

9:45-10:15am

Education Break with Diagnostic Pathology Poster Authors Present

Coffee and tea available.

9:45am-3:30pm

Exhibit Hall open

Diagnostic Pathology poster viewing

11am-12pm

ACVP and Davis-Thompson Foundation Boards Meeting

**Invitation only*

12-2pm

Bonus Yoga: Flow for a Cause

Chair: David Rotstein, DVM MPVM DACVP

Sunday, November 17

For any interested in an additional, midday yoga experience, please join us to Flow for a Cause for 108 poses to benefit the Tragedy Assistance Program for Survivors that supports veterans and their families. You do not have to do all 108 poses. Drop in and do as many as you like. There is no cost for the class, but if you'd like to donate visit [The Happy Yogi](https://www.thehappyyogi.com/).

12:15-1:15pm

Veterinary Student Platform Session

Chairs: Sharon Yang, DVM PhD DACVP; Michael Rosser, DVM MS DACVP; Emily Corbin, DVM DACVPM DACVP

This session will feature platform presentations from selected veterinary students, showcasing case reports and research projects across three categories: diagnostic pathology, natural diseases, and experimental diseases.

12:15-12:21pm

PROFILING BROWN ADIPOSE TISSUE IN PRIMATES IN RESPONSE TO ADRENERGIC STIMULATION

Alyssa Hamann

Lincoln Memorial University

12:21-12:27pm

AN INVESTIGATION OF ALKALINE PHOSPHATASE IN SITU HYBRIDIZATION FOR THE DIAGNOSIS OF OSTEOSARCOMA IN DOGS

Alexis Walny

Washington State University College of Veterinary Medicine

12:27-12:33pm

INACTIVATION OF LATS1 AND LATS2 IN MATURE MOUSE WT1-POSITIVE RENAL CELLS LEADS TO CRESCENTIC GLOMERULONEPHRITIS

Laurence Banville

Université de Montréal, Faculty of Veterinary Medicine

12:33-12:39pm

RETROSPECTIVE CLINICAL, GROSS, AND HISTOLOGIC CHARACTERIZATION OF FELINE EXOCRINE PANCREATIC NEOPLASMS

Sara Mayer

The Ohio State University

12:39-12:45pm

SNAKE-ASSOCIATED SARCOCYSTIS PANTHEROPHISI N. SP. INFECTION IN THREE FOALS WITH SEVERE COMBINED IMMUNODEFICIENCY

Lyndsey Werhane

Washington State University

12:45-12:51pm

CHARACTERIZING NEUROMA FORMATION AFTER TAIL DOCKING IN SHEEP

Sara Pantel

Cummings School of Veterinary Medicine at Tufts University

12:51-12:57pm

Sunday, November 17

ASSOCIATION OF SERUM REDOX STATUS WITH PROGNOSTIC FACTORS IN CANINE MAST CELL TUMORS: A PILOT STUDY

Argyrios Ginoudis
Aristotle University of Thessaloniki

12:57-1:03pm

ZOONOTIC-ASSOCIATED YERSINIA PESTIS IN A DOMESTIC CAT

George Abernathy
Oregon State University

1:03-1:09pm

NEUROPATHOLOGIC ANALYSIS OF IL-15-ENGINEERED NK CELL THERAPY IN A MURINE GLIOBLASTOMA MODEL

Samantha Hicks
Texas A&M University College of Veterinary Medicine and Biomedical Sciences

1:09-1:15pm

IDENTIFYING A MYCOPLASMA SP. AS THE CAUSAL AGENT OF SYNOVITIS IN BIG BROWN BATS (*Eptesicus fuscus*)

Katherine Morucci
University of Pennsylvania School of Veterinary Medicine

12:15-1:15pm

ASVCP Journal Editors Meeting

**Invitation only*

1:30-3pm

Career Session: Mentoring and the ACVP Mentorship Program

Chairs: Pompei Bolfa, DVM DACVP; Katherine Gibson-Corley, DVM PhD DACVP

A formal mentorship program is a powerful tool for career development and contributes to the collective advancement of the professional community. It can be a career-changing experience for both the mentor and the mentee, often leading to lifelong professional relationships. The ACVP Mentorship program was developed to support career development by providing access to individuals that have experience, expertise and a willingness to share knowledge and skills. This session will highlight the successes and lessons learned by the ACVP Mentorship program and the importance of mentoring within and outside our workplace. Several program mentors and mentees will discuss the impact of formal mentorship in their professional and personal development. Audience members will have the opportunity to engage in the discussion. The session will end with future directions for the ACVP Mentorship program and the expansion of mentorship within ACVP through a proposed veterinary student mentorship program. Please join us for an engaging discussion and consider, if you have not already, being a part of the ACVP mentoring community.

1:30-1:50pm

ACVP Mentorship Program

Pompei Bolfa, DVM DACVP Ross
University School of Veterinary Medicine
Katherine Gibson-Corley, DVM PhD DACVP
Vanderbilt University Medical Center

1:50-2:10pm

Sunday, November 17

Mentoring Matters: Fostering Continuous Growth

Alicia Olivier, DVM PhD DACVP
Mississippi State University

2:10-2:50pm

Successes and Lessons from Program Participants

Ana Alcaraz, DVM PhD DACVP
Mentor
Dorothee Bienzle, DACVP
Mentor
Katherine Hughes, DACVP
Mentor and mentee

2:50-3pm

Veterinary Student Mentorship

Abigail Armwood, DVM PhD DACVP
NC State College of Veterinary Medicine

1:30-5pm

Veterinary Laboratory Professionals Session II

Chairs: Trellor Fraites, MLS (ASCP) MPH MBA; Sandy Sisson MT (ASCP)

The VLP sessions cover a broad array of practical and technical clinical pathology topics of interest to clinical pathologists, laboratory technicians, and managers, as well as interns, residents, graduate students in veterinary pathology programs, and veterinary students. Topics to be covered this year include large animal blood typing and cross matching, parasitology, immunocytochemistry, the Sysmex analyzer, cystatin and FGF23, wildlife clinical pathology, emerging tickborne disease and its impact on diagnostic testing, and determining laboratory testing fees.

1:30-2:15pm

Sysmex XN-V Automated Hematology Analyzer

Jill Crist
Sysmex America, Inc.

2:15-3pm

Wildlife Pathology & Conservation: Critical Need for Collaborative Approaches

Nicole Nemeth, DVM PhD DACVP
University of Georgia

3-3:30pm

Break

3:30-4:15pm

How Changing Vector-borne Disease Prevalence in Dogs Affects Diagnostic Testing

Linda Kidd, DVM PhD DACVIM
Linda Kidd Veterinary Internal Medicine Consulting

4:15-5pm

Making Cents of Laboratory Cost Analysis

Nicole Rosen, MLS(ASCP)
Purdue University Veterinary Hospital

1:30-5pm

Sunday, November 17

Clinical Pathology Focused Scientific Session I

Chair: Amy MacNeill, DVM PhD DACVP

This session will feature an invited speaker with insights into recent advancements in diagnosis and treatment of FIP. Additional speakers will discuss a variety of topics related to advancements being made in veterinary clinical pathology.

1:30-2:30pm

The Revolution in FIP Diagnosis and Therapy: From Death Sentence to Cure in 5 Years

Samantha Evans, DVM PhD DACVP

Colorado State University

2:30-2:45pm

SERUM PROTEIN ELECTROPHORESIS FINDINGS IN HEALTHY CALIFORNIA SEA LIONS (ZALOPHUS CALIFORNIANUS)

Valerie Wong

2:45-3pm

THE CYTOLOGICAL FEATURES OF FELINE MERKEL CELL CARCINOMA IN 6 CASES

Nao Akiyama-Nagao

IDEXX Laboratories

3-3:30pm

Break

3:30-3:45pm

CYTOLOGICAL CHARACTERIZATION OF BILLUPS' BODIES IN A DOG WITH PULMONARY HYALINOSIS

Marta Gruarin

School of Veterinary Medicine and Science, University of Nottingham

3:45-4pm

EVALUATION OF SERUM YKL-40 IN DOGS WITH MULTICENTRIC LYMPHOMA

Chien-Chun Kuo

National Taiwan University

4-4:15pm

USE OF PLASMA CELL-FREE DNA FOR DIAGNOSIS OF LYMPHOMA IN DOGS: A PROOF-OF-CONCEPT STUDY

Sai Navya Vadlamudi

Department of Biomedical Sciences and Pathobiology, Virginia-Maryland College of Veterinary Medicine, Virginia Tech

4:15-4:30pm

DEEP LEARNING-ASSISTED CANINE LYMPHOMA CLASSIFICATION

Chanel Shum

University of Florida

4:30-4:45pm

EXPLAINABLE ARTIFICIAL INTELLIGENCE FOR CYTOLOGICAL ANALYSIS OF CANINE LYMPHOMA

Jong Hyuk Kim

University of Florida

4:45-5pm

Sunday, November 17

VETCLINPATHGPT: EXPLORING THE POTENTIAL OF GENERATIVE ARTIFICIAL INTELLIGENCE IN VETERINARY EDUCATION

Candice Chu

Department of Veterinary Pathobiology, College of Veterinary Medicine and Biomedical Sciences, Texas A&M University

1:30-5pm

Diagnostic Pathology Focused Scientific Session I

Chairs: Francisco Uzal, DVM FRVC MSc PhD DACVP; Ian Hawkins, DVM DACVP

The diagnostic pathology sessions feature speakers presenting case reports of classic or unusual disease entities in all animal species. From updates on classic conditions to unusual presentations of disease entities, these sessions are a great training resource for trainees and seasoned pathologists!

1:30-1:38pm

H5N1 CLADE 2.3.4.4b VIRUS INFECTION AMONG GOAT KIDS

Ariel De Aguiar

University of Minnesota

1:38-1:46pm

FELINE CHRONIC BILIARY OBSTRUCTION SECONDARY TO GASTROINTESTINAL EOSINOPHILIC SCLEROSING FIBROPLASIA

William Holl

Louisiana State University

1:46-1:54pm

PATHOLOGY AND LOCALIZATION OF AVIAN REOVIRUS IN POULTRY WITH VIRAL TENOSYNOVITIS

Cheng-Shun Hsueh

Iowa State University

1:54-2:02pm

HAIRY VETCH TOXICOSIS IN A CATTLE HERD

Hilary Ann Lakin

Purdue University College of Veterinary Medicine

2:02-2:10pm

DIAGNOSTIC INVESTIGATION AND ISOLATION OF UREAPLASMA DIVERSUM ASSOCIATED WITH REPRODUCTIVE DISORDERS IN CATTLE

Calvin Ko

Iowa State University

2:10-2:18pm

NINE CASES OF PRESUMED PRIMARY CAUDAL ABDOMINAL HEMANGIOSARCOMA ASSOCIATED WITH THE URINARY BLADDER SEROSA IN DOGS

Maya Schlesinger

University of California, Davis - School of Veterinary Medicine

2:18-2:26pm

Sunday, November 17

HISTOPATHOLOGIC AND IMMUNOHISTOCHEMICAL REVIEW OF EASTERN EQUINE ENCEPHALITIS VIRUS MULTI-SPECIES OUTBREAK IN CONNECTICUT, 2023

Arashi Nakashima

University of Connecticut, Connecticut Veterinary Medical Diagnostic Laboratory

2:26-2:34pm

CORRELATION OF PCV2 QUANTIFICATION ON TISSUES BY QPCR, IMMUNOHISTOCHEMISTRY, AND IN-SITU HYBRIDIZATION IMAGE DIGITAL ANALYSIS

Trevor Arunsiripate

Iowa State University College of Veterinary Medicine Department of Veterinary Diagnostic and Production Animal Medicine

2:34-2:42pm

AMOEBIIC ENTERITIS AND HEPATOCELLULAR NECROSIS IN AN ADULT PANTHER CHAMELEON (FURCIFER PARDALIS) – A CASE REPORT

Alexandra Reddy

Virginia-Maryland College of Veterinary Medicine

2:42-2:50pm

NODAL PLEXIFORM VASCULOPATHY IN 2 CATS: HISTOLOGICAL PRESENTATION AND IMMUNOHISTOCHEMICAL DISTRIBUTION OF VASCULAR MARKERS

Marvin Firth

Nationwide Laboratories

2:50-2:58pm

EPIDEMIOLOGY AND PATHOLOGY OF YERSINIOSIS-INDUCED ABORTION IN SMALL RUMINANTS: A 22-YEAR CASE SERIES STUDY AT THE CALIFORNIA ANIMAL HEALTH AND FOOD SAFETY LABORATORY SYSTEM: 2002-2023

Seunghye Cho

Department of Comparative Pathobiology/ADDL, College of Veterinary Medicine, Purdue University

3-3:30pm

Break

3:30-3:38pm

KLEBSIELLA PNEUMONIAE INFECTION IN RACCOONS (PROCYON LOTOR): REPORT OF THREE CASES

Matías Dorsch

Louisiana State University

3:38-3:46pm

PSEUDORABIES IN A HUNTING DOG

Matías Dorsch

Louisiana State University

3:46-3:54pm

CATASTROPHIC DISTAL SESAMOIDEAN LIGAMENT RUPTURE IN RACEHORSES: A RETROSPECTIVE STUDY

Carlos Schild

California Animal Health and Food Safety Laboratory System, University of California-Davis

3:54-4:02pm

HISTOPATHOLOGIC CHANGES OF THE GALLBLADDER IN DOGS WITH EMPHYSEMATOUS CHOLECYSTITIS

Maya Schlesinger

University of California, Davis - Veterinary Medical Teaching Hospital, Anatomic Pathology

4:02-4:10pm

NEOPLASIA IN PSITTACINES IN LOUISIANA: A 5-YEAR RETROSPECTIVE STUDY

Luis Tondo

Louisiana State University

4:10-4:18pm

WHITE SPOT SYNDROME VIRUS IN A COHORT OF IMPORTED BLUE CRAYFISH (PROCAMBARUS ALLENI)

Naomi Falconnier

Louisiana State University

4:18-4:26pm

HEREDITARY ATAXIA SYNDROME IN A DOG

Biancade Cecco

LSU-LADDL

4:26-4:34pm

MALAKOPLAKIA IN A YOUNG CAT

Sophie Hopkins

Ohio State University

4:34-4:42pm

NON-CHYLOUS LYMPHORRHAGIC PLEURAL EFFUSION AND POLYCYSTIC LIVER DISEASE IN A DOG

Biancade Cecco

LSU-LADDL

4:42-4:50pm

MALIGNANT SEMINOMA WITH SYSTEMIC METASTASES IN A RED RIVER HOG (POTAMOCHOERUS PORCUS)

Hernando Acevedo

California Animal Health and Food Safety (CAHFS) Laboratory System, San Bernardino Branch, University of California-Davis

4:50-4:58pm

HEMANGIOSARCOMA AND PLASMA CELL NEOPLASIA IN THE RIGHT AURICLE OF A DOG

Patrice Witschen

Department of Microbiology, Immunology and Pathology, College of Veterinary Medicine and Biomedical Sciences, Colorado State University

3-3:30pm

ACVP Mentorship Program Meetup

Chair: Pompei Bolfa, DVM DACVP; Katherine Gibson-Corley, DVM PhD DACVP; Samantha Schlemmer, DVM MS DACVP

Mentors and Mentees (current and past) in the ACVP Mentorship Program are invited to connect with your mentorship partner and with others in the program. Members interested in participating in the program in the future are also encouraged to attend to learn more in this informal setting. ACVP Mentors and Mentees can be identified throughout the meeting by ribbons on their name badges.

3-3:30pm

Sunday, November 17

Education Break with Diagnostic Pathology Poster Authors Present

Coffee and tea available.

3:30-4:30pm

Emerging Disease Session

Chair: Derron (Tony) Alves, DVM DACVP

In the summer of 2023 reports of an apparent increase in canine infectious respiratory disease (CIRD) cases were arriving at the office of the state veterinarian with the Oregon Department of Agriculture (ODA). The ODA issued a press release summarizing information they had at the time regarding these reports. Claims of similar upticks of respiratory disease in dogs soon arose across the United States. Media outlets across the country picked up the story and dog owners were, understandably, becoming alarmed. Was there anything to the anecdotal reports of increased respiratory disease in dogs? If so, what was causing the disease? This talk will review the experience of the Oregon Veterinary Diagnostic Laboratory as it responded to the situation in Oregon and the Pacific Northwest. It will also touch on the media's role in informing the public and the public's response to the "canine mystery respiratory disease."

3:30-4:30pm

A Genuine Adventure: Oregon's Experience with the Canine Mystery Respiratory Disease of 2023

Kurt Williams, DVM PhD DACVP

Oregon Veterinary Diagnostic Laboratory, Carlson College of Veterinary Medicine, Oregon State University

3:30-5:30pm

ACVP Veterinary Students and Residents Forum

Chairs: Abigail Armwood, DVM PhD DACVP; Chloe Goodwin, DVM DACVP

The Forum offers an opportunity for current training program residents and faculty to showcase their programs to interested veterinary students. The event offers veterinary students an opportunity to meet face-to-face with current program trainees and faculty in a relaxed atmosphere, to learn about each program. Current residents and faculty will represent their program at their designated table and will chat with interested veterinary students about their programs and experiences. (All program representatives are welcome for the entire time this year.)

4:30-5:30pm

Veterinary Cancer Guidelines and Protocols Board Meeting

**Invitation only*

5:30-7pm

ACVP Business Meeting

**ACVP members only*

Chair: ACVP President Lauri Diehl, DVM PhD DACVP

All ACVP members are invited and encouraged to attend the ACVP Business Meeting. This annual meeting is led by the ACVP President providing an overview of ACVP activities/updates. Reports on the meeting agenda include the Treasurer's Report, *Veterinary Pathology* Journal Report, Strategic Plan Report (including training program accreditation, competency framework, and academic pipeline), and the Certifying Examination Report.

7-9pm

Sunday, November 17

Neuropathology Mystery Slide Session

Chair: Andrew Miller, DVM DACVP

The mystery neuropathology session has been a mainstay at the annual ACVP meeting dating back close to four decades. Cases will be presented and discussed further by a panel of expert veterinary neuropathologists. **Case histories and slides will be posted on acvp.org in November for registrant review before attending the session.* Attendees are offered a complimentary drink of choice. (Additional drinks available for purchase.)

7-9pm

LSU Vet Med Alumni & Friends Reception

Contact: Gretchen Morgan

7-9pm

The Ohio State University Alumni & Friends Reception

Contact: Sue Harshe

7-9pm

Penn Vet Alumni Reception

Contact: Brittany Tinsley

7-9pm

University of Minnesota Alumni Reception

Contact: Kris Hayden

Sunday, November 17

Monday, November 18

6:30-7:30am

Yoga Flow with Julie & Meditation with David

Chairs: Katherine Gibson-Corley, DVM PhD DACVP; Julie Engiles, VMD DACVP; Sue Knoblauch, DVM DACVP; David Rotstein, DVM MPVM DACVP; Leslie Wilson, DVM PhD DACVP

Join us for yoga and meditation during the 2024 ACVP Annual Meeting! Fellow Diplomates, yoga teachers, and meditation experts will lead in-person sessions in the morning before the meeting begins. Classes are designed for beginners but will be appropriate for all yoga and meditation practitioners. Everyone is welcome!

7am-5pm

Meeting Registration open

7am-6pm

Speaker Ready Room open

7-8am

Sunrise Poster Viewing: Clinical Pathology, Experimental Disease, Industrial and Toxicologic Pathology, and Natural Disease

Coffee and tea available.

7-8am

ACVP Board and Past Presidents Meeting

**Invitation only*

7-8am

ACVP TIWG Chairs Meeting

**Invitation only*

7-8am

ACVP Advocacy and Policy Committee Meeting

**Invitation only*

7-10am

Davis-Thompson Foundation Board Meeting

**Invitation only*

Chair: Francisco Uzal, DVM FRVC MS PhD DACVP

7:30-8am

ACVP Lifelong Learning Committee Meeting

**Invitation only*

Monday, November 18

8am-12pm

ACVP Concurrent Session: The ABCs of ADCs – Antibody Drug Conjugate Research and Drug Development From a Team Perspective

Chairs: Melissa Schutten, DCM PhD DACVP; Piper Meigs Treuting, DVM MS DACVP

This session will explore discovery and development of Antibody Drug Conjugates (ADCs) while illustrating the team-centric and cross-functional science approach. Short format presentations from subject matter experts in pathology, toxicology, and spatial pathobiology will join to highlight ADC science and working in industry and will demonstrate how pathology informs drug design, development, and the pipeline of novel ADC oncology drugs.

8:00-8:15am

Antibody Drug Conjugates: A Primer

Melissa Schutten, DVM PhD DACVP

Pfizer

8:15-9am

The Safety Profile of Vedotin and Next Generation Microtubule Inhibitors ADCs

Forgivemore Magunda, BVSc MPH PhD DACVP DABT

Pfizer

9-9:45am

Preclinical Pathology of Antibody Drug Conjugates with DNA Damaging Payloads

Jessica Simmons, DVM PhD DACVP DABT

Pfizer

9:45-10:15am

Break

10:15-11am

Preclinical Toxicology Assessments of Next-generation Antibody-Drug Conjugates

Sarah Carratt, PhD DABT

Pfizer

11-11:45am

Translational Approaches to ADC-Related Toxicities: Bridging the Gap from Bench to Bedside

Craig Miller, DVM PhD DACVP

Pfizer

11:45am-12pm

Panel Discussion

Schutten, Simmons, Carratt, Magunda, Miller

Piper Meigs Treuting DVM MS DACVP

Pfizer

8am-12pm

ACVP Concurrent Session: Hot Topics in Invertebrate Pathology

Chairs: Elise LaDouceur, DACVP; Michelle Dennis, DVM PhD DACVP

Invertebrate pathology is a dynamic, emerging field within veterinary pathology. Pathologists are often challenged by novel anatomy, poorly characterized microscopic lesions, and multifactorial disease processes, many of which are unique to invertebrates. This session will feature speakers who are trailblazers in the field of invertebrate pathology.

Monday, November 18

Speakers will offer diagnostic tools and describe research investigations concerning charismatic invertebrate taxa and their notable pathologic processes.

8-8:50am

Pathology of Shell Lesions in Aquatic Invertebrates

Salvatore Frasca, Jr., VMD PhD DACVP

Aquatic and Investigative Pathology by Frasca, LLC

8:55-9:45am

Histopathology of Reef-Building Corals

Aine Hawthorn, MS DVM DACVP

US Geological Survey National Wildlife Health Center

9:45-10:15am

Break

10:15-11:05am

Pathology of Captive Cephalopods

Mark F. Stidworthy, MA VetMB PhD FRCPATH FRCVS

International Zoo Veterinary Group Pathology

11:10am-12pm

Honey Bee Pathology

Sarah Wood, MSc DVM PhD DACVP

Western College of Veterinary Medicine University of Saskatchewan

8am-12pm

ASVCP Current Topics in Clinical Pathology -- The Double-Edged Sword: Histiocytes and Immune Regulation in Health and Disease

Chairs: Julie Allen, BVMS MS DACVIM (SAIM) DACVP; Nora Springer, DVM PhD DACVP

This session delves into the pivotal roles of macrophages and histiocytes in maintaining homeostasis and their contributions to disease processes. Macrophages, versatile cells of the immune system, are essential for tissue repair, immune defense, and the regulation of inflammation. Histiocytes, a subset of macrophages residing in tissues, also play critical roles in maintaining local tissue environments. Attendees will explore the dual nature of these cells, highlighting their beneficial functions in health and their potential to drive pathology under certain conditions.

8-8:50am

Two-Faced Macrophages: Immune Heroes or Agents of Disease?

Erika Gruber, DVM PhD DACVP (CP)

North Carolina State University

8:55-9:45am

Macrophages in Precursor-Targeted Immune-Mediated Anemia: Dedicated Sentinels and Mediators of Disease

Cynthia Lucidi, DVM PhD DACVP(CP)

Michigan State University

9:45-10:15am

Break

Monday, November 18

10:15-11:05am

In the Midst of a Cytokine Storm: Hemophagocytic Syndrome (Hemophagocytic Lymphohistiocytosis / Macrophage Activation Syndrome)

Joanne Messick, VMD PhD DACVP (CP)

Purdue University

11:10am-12pm

Histiocytic Sarcoma: Macrophages, Dendritic Cells and Langerhans Cells Behaving Badly

Bill Vernau, BVMS DVSc PhD DACVP (CP)

UC Davis School of Veterinary Medicine

8am-12pm

Diagnostic Pathology Focused Scientific Session II

Chairs: Francisco Uzal, DVM FRVC MSc PhD DACVP; Ian Hawkins, DVM DACVP

The diagnostic pathology sessions feature speakers presenting case reports of classic or unusual disease entities in all animal species. From updates on classic conditions to unusual presentations of disease entities, these sessions are a great training resource for trainees and seasoned pathologists!

8-8:07am

ARTIFICIAL INTELLIGENCE IS ABLE TO PREDICT C-KIT MUTATIONS IN THE SLIDES OF CANINE MAST CELL TUMORS – ARE WE?

Robert Klopffleisch

Freie Universität Berlin

8:07-8:14am

HAIR AS AN ALTERNATIVE SOURCE OF HIGH YIELD CANINE GENOMIC DNA

Mackenzie Long

University of Georgia College of Veterinary Medicine

8:14-8:21am

ORAL FIBROLIPOMA IN DOGS: RETROSPECTIVE CASE SERIES STUDY AND COMPARATIVE REVIEW

Daniel Felipe Barrantes Murillo

Department of Pathobiology, College of Veterinary Medicine, Auburn University

8:21-8:28am

UNILATERAL PECTORAL MUSCLE INFARCTION: A UNIQUE MANIFESTATION OF FUNGAL INFECTION IN BIRDS

Shotaro Nakagun

San Diego Zoo Wildlife Alliance

8:28-8:35am

HIGHLY PATHOGENIC AVIAN INFLUENZA VIRUS H5N1 CLADE 2,34b IN A FREE-RANGING ALASKAN POLAR BEAR (URSUS MARITIMUS)

David Rotstein

Marine Mammal Pathology Services

8:35-8:42am

HEMORRHAGIC SEPTICEMIA IN MINNESOTA BOVINE CALVES

Heidi Pecoraro

North Dakota State University Veterinary Diagnostic Laboratory

Monday, November 18

8:42-8:49am

CARDIAC LESIONS ASSOCIATED WITH CLOSTRIDIUM PERFRINGENS TYPE D ENTEROTOXEMIA IN SHEEP AND GOATS

Emma Torii

California Animal Health and Food Safety Laboratory, School of Veterinary Medicine, University of California - Davis, Davis branch

8:49-8:56am

MITOCHONDRIAL MYOPATHY IN A LITTER OF GERMAN SHEPHERD DOGS

Hayley Hunt

School of Veterinary Science, Massey University

8:56-9:03am

GASTROINTESTINAL BIOPSIES IN HORSES: HISTOLOGICAL AND IMMUNOLOGICAL COMPARISON WITH FULL-THICKNESS TISSUE SAMPLING

Daniel Jean

University of Montreal, Faculty of Veterinary Medicine

9:03-9:10am

IMPLEMENTATION OF TISSUE MICROARRAYS IN A PRIVATE DIAGNOSTIC LABORATORY TO IMPROVE OPTIMIZATION AND VALIDATION OF DIAGNOSTIC IHC PROTOCOLS AND RETROSPECTIVE STUDIES

Karla Pedroza

SpecialtyVETPATH

9:10-9:17am

PATHOLOGY OF LAGOVIRUS EUROPAEUS GI.2 (RHDV2) AND GII.1 (EBHSV) INFECTIONS IN WILD EUROPEAN BROWN HARES, LEPUS EUROPAEUS, IN ENGLAND

Katherine Hughes

University of Cambridge

9:17-9:24am

GASTRIC PLASMA CELL TUMORS IN DOGS

Paula Giaretta

Gastrointestinal Laboratory, Department of Small Animal Clinical Sciences, School of Veterinary Medicine and Biomedical Sciences, Texas A&M University

9:24-9:31am

MICHAELIS-GUTMANN BODIES IN ESCHERICHIA COLI-ASSOCIATED GRANULOMATOUS COLITIS IN DOGS

Paula Giaretta

Gastrointestinal Laboratory, Department of Small Animal Clinical Sciences, School of Veterinary Medicine and Biomedical Sciences

9:31-9:38am

LESIONS OF MYCOBACTERIUM AVIUM SPP. HOMINISSUIS INFECTION MIMICS CORYNEBACTERIUM PSEUDOTUBERCULOSIS INFECTION LESIONS IN GOATS

Ida Phillips

Rollins Animal Disease Diagnostic Laboratory

9:45-10:15am

Break

10:15-10:22am

TRANSFORMING VETERINARY DIAGNOSTICS: HOW ARTIFICIAL INTELLIGENCE ENHANCES CLINICAL DECISION-MAKING

Arun Apte

CloudLIMS.com

10:22-10:29am

GRANULOMATOUS HEPATITIS IN A CHACOAN HORNED FROG (CERATOPHRYS CRANWELLI) WITH AMPHIBIAN-TYPE BRUCELLA

Aimee Pepper

University of Illinois at Urbana-Champaign

10:29-10:36am

INFANTILE CORTICAL HYPEROSTOSIS IN A RHESUS MACAQUE

Krystal Vail

Tulane National Primate Research Center

10:36-10:43am

MICROCHIP ASSOCIATED CUTANEOUS MELANOPHOROMA IN AN ADULT WYOMING TOAD (ANAXYRUS BAXTERI)

Michelle Degrin

Colorado State University, Department of Microbiology, Immunology, and Pathology, Fort Collins

10:43-10:50am

HEPATIC INFILTRATING LIPOMA IN A SHORT-EARED OWL

Carmen H. Lau

Utah Veterinary Diagnostic Laboratory, Utah State University

10:50-10:57am

HISTOLOGICAL AND IMMUNOLOGICAL STUDY OF GASTROINTESTINAL BIOPSIES IN HORSES WITH ACUTE AND CHRONIC COLIC

Daniel Jean

University of Montreal, Faculty of Veterinary Medicine

10:57-11:04am

OTOCEPHALY: AGNATHIA- MICROSTOMIA-SYNOTIA SYNDROME IN TWO RHESUS MACAQUES (MACACA MULATTA)

Ahmad Saied

Tulane National Primate Research Center

11:04-11:11am

OVARIAN SEX CORD TUMORS IN DOMESTIC SPECIES: 22 YEARS RETROSPECTIVE STUDY

Esdras Correa dos Santos

University of Georgia - College of Veterinary Medicine

11:11-11:18am

UTILIZING A LARGE LANGUAGE MODEL FOR INFORMATION EXTRACTION FROM VETERINARY ELECTRONIC HEALTH RECORDS

Judit M Wulcan

University of California Davis, School of Veterinary Medicine, Department of Pathology, Microbiology and Immunology

11:18-11:25am

INSTAR, MICROSPORIDIAN, BACTERIAL, AND FUNGAL INFECTIONS IN A COHORT OF EASTERN LUBBER GRASSHOPPERS (ROMALEA MICROPTERA)

Naomi Falconnier

Louisiana State University

11:25-11:32am

LYMPH NODE LIPOMATOSIS IN C57BL/6J MICE

Polly Chen

Comparative Pathology Laboratory, School of Veterinary Medicine, University of California, Davis

11:32-11:39am

RHABDOMYOSARCOMA IN A PREHENSILE-TAILED PORCUPINE (COENDOU PREHENSILIS)

Bayla Q. Bessemer

The Ohio State University College of Veterinary Medicine department of Veterinary Biosciences

11:39-11:46am

CANINE KELOIDAL FIBROMA: A CYTOLOGICAL, HISTOLOGICAL AND IMMUNOHISTOCHEMICAL INVESTIGATION

Jasmine Chan

Nationwide Laboratories

11:46-11:53am

COMPARATIVE PATHOLOGY OF CHOLANGIOCARCINOMA ACROSS SPECIES: INSIGHTS FROM VETERINARY AND HUMAN MEDICINE

Katti Crakes

Johns Hopkins University, School of Medicine

9:45-3:30pm

Exhibit Hall open

Clinical Pathology, Experimental Disease, Industrial and Toxicologic Pathology, and Natural Disease poster viewing

9:45-10:15am

Education Break with Clinical Pathology, Experimental Disease, Industrial and Toxicologic Pathology, and Natural Disease Poster Authors Present

Coffee and tea available.

10am-12pm

ACVP Intro to Vet Path: High School Outreach

**Invitation only*

Chairs: Raisa Glabman, MSPH VMD PhD DACVP; Timothy Wu, DVM DACVP

Introductory segment offering high school students a broad overview of careers in veterinary pathology.

12-1:30pm

Latin Comparative Pathology Group Presents

Chairs: Francisco Carvallo, DVM DSc DACVP; Melissa Macias Rioseco, DVM PhD DACVP

The Latin Comparative Pathology Group (LCPG) presents a lecture by Paul Stromberg, DVM PhD DACVP, based on his recent essay series, "Uncertainty in Diagnosis and its Management," which received positive feedback in the

Monday, November 18

Davis/Thompson Newsletter, will be delivered and will address methods to enhance diagnostic accuracy, followed by two scientific lectures in English. LCPG offers scientific lectures (in English) at each ACVP/ASVCP Annual Meeting, providing educational and networking opportunities for Latin language-speaking pathologists. After the academic session, the LCPG annual business meeting will take place in the same room.

12-12:50pm

The Evolution of Uncertainty in Surgical Pathology and How to Manage It

Paul Stromberg, DVM PhD DACVP

The Ohio State University

Case Presentation: Staphylococcal Arthritis in Horses

Carlos Schild

Case Presentation: Tenacibaculosis and Secondary Ecto/Endoparasites in Four Monkeyface Prickleback (Cebidichthys Violaceus)

Hernando Acevedo

12-1:30pm

Certifying Examination Board Meeting

**Invitation only*

Chairs: Shelley Burton, DVM MSc DACVP; Ryan Jennings, DVM PhD DACVP

12-1:15pm

Automated Blood Cell Morphology Commercially Supported Symposium

Presented by IDEXX

**Registration required, complimentary to all Annual Meeting registrants, primary audience: trainees*

Pathology trainees, and others as interested, are invited to a discussion overviewing the limitations of flow cytometry (erythrocyte morphology, immature leukocytes, platelet clumping) that require manual blood film reviews (bearing in mind many practicing veterinarians do not prepare or review a blood film), and the need for, and development of, automated cytologic instruments that can identify many morphologic aspects of blood cells that are currently only possible by manual blood film examinations. This 30-minute lunch presentation will be followed by 30 minutes of networking. Lunch will be provided. Space is limited.

12:15-12:45

Automated Blood Cell Morphology

John Harvey, DVM PhD DACVP

University of Florida

12:45-1:15

Networking

12:15-1:15pm

ACVP Program Coordinators Network Lunch

**Invitation only*

Chairs: Valerie McElliott, DVM PhD DACVP; Molly Church, MS VMD PhD DACVP

Topics for this year's lunch discussion will include an introduction to the Veterinary Internship and Residency Matching Program, focused on an interactive discussion of the benefits and challenges related to this program, and a preliminary

Monday, November 18

assessment by program coordinators and co-leaders if this program could be extrapolated/standardized to the field of veterinary pathology training programs. Other topics may be addressed, as time permits.

1:30-2:30pm

Latin Comparative Pathology Group Business Meeting

Chair: Francisco Carvallo, DVM DSc DACVP

1:30-3:30pm

ASVCP Case Review Session

Chair: Kristin Fisher, DVM MS DACVP

1:30-5pm

ACVP and AAVLD Concurrent Session: Emergent Viral Diseases of Livestock and Poultry

Chairs: Grant Burcham, DVM PhD DACVP; Francisco Uzal, DVM FRVC MSc PhD DACVP

In this session, speakers will present on a variety of emergent or reemergent viral diseases, including HPAI, avian metapneumovirus, vesicular stomatitis, and African swine fever. Diagnostic approaches and the current situation relating to these diseases in North America will be emphasized.

1:30-2:15pm

The Global Change in Pathobiology, Ecology and Epidemiology of High Pathogenicity Avian Influenza for Birds and Mammals

David Swayne, DVM PhD DACVP DACPV

Birdflu Veterinarian LLC | University of Georgia

2:15-3pm

Avian Metapneumovirus: A Reemerging Threat to Poultry

Megan Lighty, DVM PhD DACPV

Penn State University, Animal Diagnostic Laboratory

3-3:30pm

Break

3:30-4:15pm

The Future of Vesicular Stomatitis in a Changing Climate

Angela Pelzel-McCluskey, DVM MS

USDA-APHIS-Veterinary Services

4:15-5pm

African Swine Fever Virus: A Major Threat to the Swine Industry and Food Security Worldwide

Diego Diel, DVM MS PhD

Cornell University, College of Veterinary Medicine

1:30-5pm

Experimental Disease Focused Scientific Session

Chairs: Manu Sebastian, DVM PhD DACVP DABT DACLAM; Natalie Fowlkes, DVM PhD DACVP DABT

This session will discuss current research findings, emerging opportunities, and challenges of using animal models for cancer research, infectious diseases, metabolic diseases, etc. Additionally, the session will also discuss emerging

Monday, November 18

technologies in genomics, proteomics, and digital health. The speakers will highlight the pathophysiology and pathogenesis of the diseases along with new trends in treatment and prevention.

1:30-2:15pm

Untangling Cell Death Signaling With Genetically Engineered Mouse Models

Joshua Webster, DVM PhD DACVP

Genentech

2:15-2:30pm

PRECLINICAL DOG MODEL OF FOCAL PROSTATE CANCER: PATHOLOGY AND NOVEL THERANOSTICS

Nathan Hoggard

Heritage College of Osteopathic Medicine, Ohio University

2:30-2:45pm

IMPACTS OF ARTIFICIAL SWEETENERS ON THE GUT MICROBIOME IN THE PATHOGENESIS OF METABOLIC SYNDROME

Katti Crakes

Johns Hopkins University, Bloomberg School of Public Health

2:45-3pm

DEXAMETHASONE REDUCES PULMONARY PATHOLOGY BUT DOES NOT ALTER MORTALITY IN SYRIAN HAMSTERS INFECTED WITH NIPAH VIRUS

Kerry Goldin

Laboratory of Virology, National Institute of Allergy and Infectious Diseases, National Institutes of Health

3-3:30pm

Break

3:30-3:45pm

EXPERIMENTAL INFECTION OF WILD TURKEYS WITH LYMPHOPROLIFERATIVE DISEASE VIRUS

Chloe Goodwin

University of Georgia

3:45-4pm

EVALUATING MICRORNA-29 REDUCTION IN THE BRAINS OF ALZHEIMER'S DISEASE AND WILD TYPE MOUSE MODELS

Jonathan Nagel

University of North Carolina

4-4:15pm

CATTLE WITH THE EK211 PRNP POLYMORPHISM ARE SUSCEPTIBLE TO THE H-TYPE BOVINE SPONGIFORM ENCEPHALOPATHY AGENT FROM EITHER E211K OR WILD TYPE DONORS AFTER ORONASAL INOCULATION

Justin Greenlee

Virus and Prion Research Unit, National Animal Disease Center, ARS, United States Department of Agriculture

4:15-4:30pm

CHLAMYDIA MURIDARUM CAUSES PERSISTENT INFECTION AND INDUCES SUSTAINED INTESTINAL T-CELL AND ILC3 RESPONSES IN INBRED AND OUTBRED MICE FOLLOWING THE PRESUMPTIVE ROUTE OF NATURAL INFECTION

Sebastian E. Carrasco

Center for Comparative Medicine and Pathology, Memorial Sloan Kettering Cancer Center and Weill Cornell Medicine

4:30-4:45pm

PROGRESSION OF VIRAL REPLICATION AND LESIONS IN MOUSE KIDNEY PARVOVIRUS INFECTION IN CD1, B6, AND NSG MICE

Sebastien Monette

Memorial Sloan Kettering Cancer Center, Weill Cornell Medicine, and The Rockefeller University

4:45-5pm

CHARACTERIZATION OF A NOVEL N-NITROSO-N-METHYLUREA (NMU)-INDUCED TUMOR IN SIBERIAN HAMSTERS (PHODOPUS SUNGORUS)

José Vilches-Moure

Stanford University School of Medicine

1:30-5pm

Natural Disease Focused Scientific Session I

Chairs: Elena Alina Demeter, DVM PhD DACVP; Mason Jager, DVM PhD DACVP

The Natural Disease sessions feature speakers presenting research, case series, and case reports on classic and unusual natural disease entities in a broad range of species. From updates on classic conditions to unusual presentations of disease entities, these sessions should not be missed!

1:30-2:30pm

One Health and Emerging Infections, Role of Human Pathologists

Jeanette Guarner, MD

Emory University School of Medicine

2:30-2:45pm

OUTBREAK OF LETHAL CANINE DISTEMPER VIRUS INFECTION IN FREE-RANGING BLACK TUFFED MARMOSETS (CALLITHRIX PENICILLATA)

Renato Santos

Universidade Federal de Minas Gerais

2:45-3pm

PCV3-ABORTED FETUSES IN BRAZIL: CHARACTERIZATION OF PCV3-RNA DISTRIBUTION AND ASSOCIATED INFLAMMATION

Lilian Oliveira

Department of Pathology, College of Veterinary Medicine, University of Georgia

3-3:30pm

Break

3:30-3:45pm

A NOVEL ERYTHROCYTIC IRIDOVIRUS IN A BUTTER FROG

Lina Crespo Bilhalva

Universidade Federal do Rio Grande do Sul

3:45-4pm

HISTOPATHOLOGY OF CORALS SHOWING TISSUE LOSS DURING AN UNUSUAL CORAL MORTALITY EVENT IN JAMAICAN NORTH COAST REEFS

Amy Webb

University of Tennessee College of Veterinary Medicine

Monday, November 18

4-4:15pm

HISTOPATHOLOGIC REVIEW OF LESIONS IN 69 FREE-RANGING EGYPTIAN ROUSETTE BATS (*ROUSETTUS AEGYPTIACUS*) FROM UGANDA

Jessica A. Elbert

University of Georgia College of Veterinary Medicine

4:15-4:30pm

MULTIDISCIPLINARY APPROACH TO PROFICIENCY TESTING IN DETERMINING AN UNKNOWN TOXICANT BY ANIMAL DIAGNOSTIC LABORATORIES

David Rotstein

FDA Center For Veterinary Medicine Office of Surveillance and Compliance

4:30-4:45pm

EXPLAINABLE AI FOR SPATIAL BIOLOGY AND HISTOLOGICAL ANALYSIS OF CANINE HEMANGIOSARCOMA

Jong Hyuk Kim

University of Florida

4:45-5pm

IMMUNOHISTOCHEMICAL AND HISTOMORPHOLOGIC CHARACTERIZATION OF CANINE EXTRA-ADRENAL NEUROENDOCRINE NEOPLASMS

Elena Alina Demeter

Cornell University

1:30-5pm

Davis-Thompson Foundation Trainee Course: Foundations of Pathology

**For pre-registered attendees only*

Chair: Jey Koehler, DVM PhD DACVP

The course is similar to the previous Descriptive Veterinary Pathology course. Targeted toward first-year residents, accumulated knowledge will be shared on how to evaluate, interpret, and describe gross, microscopic, and ultrastructural lesions, plus how to properly interpret IHC, ISH, and molecular testing. Discussion will also include how to structure residency study, available resources, and networking.

2-3:30pm

ACVP Congress of Committees

**Invitation only*

3-3:30pm

Education Break with Clinical Pathology, Experimental Disease, Industrial and Toxicologic Pathology, and Natural Disease Poster Authors Present

Coffee and tea available.

**** 2024 Exhibit Hall concludes at 3:30pm on Monday**

3:45-5:15pm

ASVCP Business Meeting

**ASVCP members only*

Chair: ASVCP President Melinda Camus, DACVP

Includes presentation of the 2024 ASVCP Lifetime Achievement Award!

Monday, November 18

5-6:30pm

Davis-Thompson Foundation Annual Awards Reception

Chair: Annette Gendron-Fitzpatrick, DVM PhD DACVP

The Davis-Thompson Foundation Awards presentation will recognize outstanding veterinary and/or comparative pathology trainees from each of our institutional members as well as honoring Foundation volunteers for service and lectureship and outstanding *Veterinary Pathology* journal and "Diagnostic Exercise" publications.

5-7pm

Speed Networking

**Pre-registration required*

Chairs: Oded Foreman, DVM DACVP; Tzushan Sharon Yang, DVM PhD DACVP

Speed Networking offers veterinary pathology trainees access to mid-career pathologists in a relaxed, intimate atmosphere, via round-robin style brief interactions. Mid-career pathologists will represent a range of career settings (academia, industry, diagnostics) with a wide spread of interests and expertise. Pre-registration required.

How: Trainees are randomly paired with volunteers in a series of round-robin-style brief exchanges. Pairs have 5 minutes to introduce themselves and briefly summarize their histories and goals and to exchange contact information. Once the first round is complete the trainees rotate to the next space. Mid-career pathologist commitment: Attend the event, be willing to share professional information about yourself and your career path, have fun. Trainee commitment: Attend the event, have fun. What's in it for you: Meet 20 new colleagues and expand your professional and social network. Help the next generation of pathologists grow their interests and careers.

5:15-6:45pm

ASVCP Reception

**ASVCP members only*

7-8pm

ASVCP Resident Trivia Meet and Greet

Chairs: Cheryl Auch, DVM MS DACVP; Carisa Frasier, DVM MS DACVP; Cora Gilroy, DVM MVSc DACVP; Sydney Hastain, DVM; Christopher Lanier, DVM MS DACVP; Laurie Millward, DVM MS DACVP

Clinical pathology residents, pathology interns, and veterinary students are invited to a fun evening of trivia! Even if you don't want to play, you are welcome to watch and laugh along. Pathologists are also welcome to watch the shenanigans!

7-9pm

Gastrointestinal Pathology Mystery Slide Session

Chair: Francisco Uzal, DVM FRVC MSc PhD DACVP

The gastrointestinal pathology session will present classic and unusual, challenging cases by trainees and pathologists and will provide an excellent training resource for veterinary pathologists and trainees. The cases will be discussed by a panel of GI pathology experts. **Case histories and slides will be posted on acvp.org in November for registrant review before attending the session.* Attendees are offered a complimentary drink of choice. (Additional drinks available for purchase.)

Monday, November 18

7-9pm

Auburn University Vet Med Alumni Reception

Contact: Meredith Smildsin

7-9pm

Cornell Alumni & Friends Reception

Contact: Jill Anna Beebe

8-10pm

University of Georgia Alumni Reception

Contact: Amanda Wages

Monday, November 18

Tuesday, November 19

6:30-7:30am

Yoga Flow & Meditation with Katherine

Chairs: Katherine Gibson-Corley, DVM PhD DACVP; Julie Engiles, VMD DACVP; Sue Knoblauch, DVM DACVP; David Rotstein, DVM MPVM DACVP; Leslie Wilson, DVM PhD DACVP

Join us for yoga and meditation during the 2024 ACVP Annual Meeting! Fellow Diplomates, yoga teachers, and meditation experts will lead in-person sessions in the morning before the meeting begins. Classes are designed for beginners but will be appropriate for all yoga and meditation practitioners. Everyone is welcome!

6:30-8am

Michigan State University Alumni Reception

Contact: Carolyn Fabro

7am-1pm

Meeting Registration open

7am-3:30pm

Speaker Ready Room open

7-8am

Sunrise Poster Viewing: Late-breaking

Coffee and tea available.

7-8am

ACVP Black Pathologists Affinity Group Meeting

**Invitation only*

7-8am

ACVP Annual Meeting Committee Meeting

**Invitation only*

7-8am

Comparative Pathology Scientific Interest Group Meeting

Chairs: Hibret Adissu, DVM DVSc PhD DACVP; Sue Knoblauch, DVM DACVP; Heather Sheppard DVM PhD DACVP; Jessica Snyder, DVM DACVP

**Invitation only*

8am-12pm

ACVP Concurrent Session: Clostridial Diseases of Animals – General Review and Diagnostic Criteria

Chair: Francisco Uzal, DVM FRVC MSc PhD DACVP

Tuesday, November 19

In this session, clostridia experts will discuss the main clostridial diseases of animals, with special emphasis on diagnostic criteria. We hope that the session will shed some light on common misconceptions about these diseases and their diagnosis.

8-9am

Clostridial Enteric Diseases of Large Animals and Avian Species: C. Perfringens, C. Difficile, Others

Francisco Uzal, DVM FRVC MS PhD DACVP

University of California, Davis

9-9:45am

Clostridial Diseases of Small Animals; the NetF Story

Iman Mehdizadeh Gohari, DVM MSc PhD

University of Pittsburgh

9:45-10:15am

Break

10:15-11:15am

Histotoxic Clostridial Diseases of Animals

Mauricio Navarro, DVM MSc PhD DACVP

Universidad Austral de Chile

11:15-12pm

Neurotoxic Clostridial Diseases

Francisco Uzal, DVM FRVC MS PhD

University of California, Davis

8am-12pm

ACVP Concurrent Session: Veterinary Forensic Pathology

Chairs: Adam Stern, DVM DACVP; Paul Facemire, DVM DACVP

The theme of this session is the use of ancillary diagnostics in forensic investigations. Attendees will learn about the use of postmortem diagnostic imaging and toxicology, and the processing of bone specimens. Case reports will illustrate the value of ancillary diagnostics.

8-9am

The Role of Imaging in Forensic and Post-Mortem Veterinary Investigations

Susanne Stieger-Vanegas, Dr. med. vet. PhD DECVDI

Oregon State University, Carlson College of Veterinary Medicine

9-9:45am

Skeletons in the Closet: The Secrets Bones Keep and How to Reveal Them

Rebecca Kagan, DVM DACVP

US Fish and Wildlife Service

9:45-10:15am

Break

10:15-11:15am

The Life or Death of a Veterinary Forensic Case: Pre- and Post-analytical Considerations for Toxicology Testing

John Buchweitz, PhD DABT

Michigan State University

Tuesday, November 19

11:15am-11:30am

Forensic Entomotoxicology and Necrophagous Insects

Adam Stern, DVM DACVP

University of Florida

11:30-11:45am

Poisoning Incident of Captive Ruminants at a Resort

Wei-Hsiang Huang, DVM PhD

National Taiwan University

11:45am-12pm

A Review of Interesting Toxicological Cases in Companion Animals

Kali Griffith, DVM

University of Georgia

8am-12pm

Emerging Themes in Digital and Computational Pathology: How to be a Next-Gen Pathologist

Chairs: Chandra Saravanan, DVM MS PhD DACVP; Raisa Glabman, MSPH VMD PhD DACVP

Technological advances are now driving major changes in the practice of pathology. The transformation of pathology practice goes beyond digitalization of slides, diagnosis, archiving, and retrieving images, and development of new computational tools for accurate and rapid decision making. This session will highlight latest developments in digital and computational pathology, including big picture consortium to create repository of slides, AI foundational models, biomarkers-based machine learning methods for clinical decision-making, large language models for simplifying literature search and advancement in spatial profiling of whole transcriptome in FFPE tissues.

8-8:35am

Big Picture Updates

Brian Knight, DVM PhD

Boehringer Ingelheim Pharmaceuticals, Inc

8:35-9:10am

AI Foundational Models for Pathology

Hanwen Xu, BS

University of Washington, Seattle

9:10-9:45am

Impact of Magnification, Image Type, and Count on Convolutional Neural Network Performance in Differentiating Canine Large Cell Lymphoma from Non-lymphoma via Lymph Node Cytology

Christina Pacholec, DVM DACVP/CP

Virginia Tech

9:45-10:15am

Break

10:15-10:50am

From Feed to Finish: AI and Digital Tools for Streamlining Academic Writing

Candice Chu, DVM PhD DACVP

Department of Veterinary Pathobiology, Texas A&M University

Tuesday, November 19

10:50-11:25am

In Situ Whole Transcriptome Profiling in FFPE Tissues

Chandrasagar Saravanan, DVM MS PhD DACVP

Biomedical Research- Novartis

11:25am-12pm

Panel Discussion

8am-12pm

Clinical Pathology Focused Scientific Session II

Chair: Amy MacNeill, DVM PhD DACVP

This session will feature an invited speaker exploring the evolution of vertebrate erythrocyte morphology and function. Platform presentations will be on a wide variety of topics from competitors for the Young Investigator Award.

8-9am

Evolution of Vertebrate Erythrocytes

John Harvey, DVM PhD DACVP

University of Florida

9-9:15am

UTILIZING WHOLE EXOME SEQUENCING TO DESIGN A COST-EFFECTIVE TARGETED GENE PANEL TO ASSESS THE PREVALENCE AND CLINICAL SIGNIFICANCE OF MUTATIONS IN CANINE CD34+ ACUTE LEUKEMIAS

Jillian Nolan

Colorado State University

9:15-9:30am

EXTRAMEDULLARY ACUTE MYELOID LEUKEMIA INVOLVING PERIPHERAL LYMPH NODES OF DOGS: A RETROSPECTIVE STUDY OF 23 CASES

Jaspreet Kaur

College of Veterinary Medicine, Cornell University

9:30-9:45am

AN ANTIBODY AGAINST CD80 BINDS TO TUMOR CELLS IN DOGS WITH ACUTE MYELOID LEUKEMIA BUT NOT B OR T CELL NEOPLASMS USING FLOW CYTOMETRY

Tracy Stokol

Cornell University

9:45-10:15am

Break

10:15-10:30am

PERIPHERAL BLOOD LEUKOCYTE IMMUNOPHENOTYPIC CHANGES AND EVOKED CYTOKINE PRODUCTION ASSOCIATED WITH AGING IN THE DOG

Adam Harris

Colorado State University

10:30-10:45am

INVESTIGATING EFFECTS OF STORAGE ON CANINE PACKED RED BLOOD CELL CD47 EXPRESSION AND INTERACTIONS WITH MACROPHAGE-LIKE DH82 CELLS

Sydney Hastain

North Carolina State University

Tuesday, November 19

10:45-11am

FELINE VENTRAL ABDOMEN LYMPHANGIOSARCOMA PRESENTING WITH HAEMOLYTIC ANAEMIA

Daniel McEvoy

Iowa State University

11-11:15am

STANDARDIZED ASSESSMENT OF CANINE BONE MARROW CYTOLOGY AND HISTOLOGY SLIDES

Dorothee Bienzle

University of Guelph

11:15-11:30am

COMPARISON OF DIGITAL AND CONVENTIONAL PATHOLOGY METHODS FOR THE EVALUATION OF VETERINARY BLOOD FILMS

Stephanie Anderson

Washington State University, College of Veterinary Medicine, Veterinary Clinical Sciences

11:30-11:45am

ESTABLISHMENT AND UTILIZATION OF CELL BLOCKS IN CANINE AND FELINE CAVITARY EFFUSION ANALYSIS

Kylie Pon

Western College of Veterinary Medicine, University of Saskatchewan

11:45am-12pm

CYTOLOGY IS ESTIMATED TO BE HIGHLY SPECIFIC FOR PROCESSES COMMONLY IDENTIFIED ON FINE NEEDLE ASPIRATES OF CUTANEOUS AND SUBCUTANEOUS LESIONS

Helen Michael

IDEXX Laboratories

9:45am-3:30pm

Late-breaking Poster Viewing

9:45-10:15am

Education Break with Late-breaking Poster Authors Present

Coffee and tea available.

12:15-1:15pm

Veterinary Pathology Journal Session

Chair: Joshua Webster, DDVM PhD ACVP

This session will cover two topics. The first topic will focus on the fundamental aspects of writing titles and abstracts for scientific publications, and how to select keywords. These are essential elements of a paper that allow readers to search for a paper and is the initial point of engagement that could determine whether a paper is read. The second topic will discuss policies and considerations for using artificial intelligence tools in scientific publications.

12:15-1:15pm

Setting the Stage -- Title, Abstract, and Keywords -- What to Include and What to Leave Out And Artificial Intelligence Tools in Scientific Publications

Joshua Webster, DVM PhD DACVP

Genentech

Tuesday, November 19

12:15-1:15pm

ASVCP Education Forum

Chairs: Cheryl Auch, DVM MS DACVP; Koranda Walsh, VMD DACVP DACVIM (SAIM)

For many of us, giving and receiving feedback can be stressful. However, numerous data show that feedback is essential for learner growth. This session, designed for both learners and educators, will provide an introductory exploration of types, principles and best practices for giving feedback along with tips for integrating feedback into your interactions. You will have the opportunity to choose your level of interaction with the session's active teaching elements.

12:15 -1:15pm

Feedback and Mentoring in Instructor/Learner Relationships

Laura Garrett, DVM DACVIM (Oncology)

University of Illinois

12:15-1:15pm

ACVP Board and Annual Meeting Committee Meeting

**Invitation only*

1:30-3pm

Natural Disease Focused Scientific Session II

Chairs: Elena Alina Demeter, DVM PhD DACVP; Mason Jager, DVM PhD DACVP

The Natural Disease sessions feature speakers presenting research, case series, and case reports on classic and unusual natural disease entities in a broad range of species. From updates on classic conditions to unusual presentations of disease entities, these sessions should not be missed!

1:30-1:45pm

HISTOLOGICAL CHANGES IN MESENTERIC GANGLIA VERSUS SURVIVAL OF DOGS WITH DYSAUTONOMIA

Gayle Johnson

University of Missouri

1:45-2pm

CANINE HISTIOCYTIC PROLIFERATIVE DISEASE (HPD): CATEGORISATION USING HISTOPATHOLOGY, DIFFERENTIALLY EXPRESSED GENES, DIGITAL CYTOMETRY AND CLINICAL PROGRESSION REVEALS INDIVIDUAL CASE DISCORDANCE

Sam Beck

Independent Anatomic Pathology Ltd

2-2:15pm

A NOVEL DEEP LEARNING ALGORITHM TO DIFFERENTIATE FELINE INFLAMMATORY BOWEL DISEASE AND SMALL INTESTINAL LYMPHOMA

Brian LaMendola

Department of Population Medicine and Diagnostic Sciences, Section of Anatomic Pathology, Cornell University College of Veterinary Medicine

2:15-2:30pm

PREVALENCE, RISK FACTORS, AND PROGNOSIS OF NEOPLASIA IN SUGAR GLIDERS (PETAURUS BREVICEPS)

Judith Kovach-Zukin

Joint Pathology Center

Tuesday, November 19

2:30-2:45pm

LETHAL, DISSEMINATED INFECTION WITH HALIOTICIDA NODULIFORMANS IN CAPTIVE ISOPODS (BATHYNOMUS GIGANTEUS AND BATHYNOMUS DOEDERLEINII) IN THE UNITED STATES

Elise LaDouceur

Northwest ZooPath

2:45-3pm

PURPUREOCILLIUM LILACINUM-ASSOCIATED GRANULOMATOUS PNEUMONIA IN VIRGINIA OPOSSUMS (DIDELPHIS VIRGINIANA) FROM LOUISIANA

Naomi Falconnier

Louisiana State University

1:30-5pm

Updates and Comparative Considerations on Mouse Models of Benign and Malignant Lymphoid and Non-Lymphoid Proliferations

Chairs: Hibret Adissu, DVM DVSc PhD DACVP; Sue Knoblauch, DVM DACVP; Heather Sheppard DVM PhD DACVP; Jessica Snyder, DVM DACVP

This education session is targeted to both anatomic and clinical pathologists as well as pathology trainees that are interested in the historical and revised classifications of lymphoproliferative and myeloproliferative disorders (both benign and malignant) in humans and mice. Similarities and differences between human diseases and mouse diseases will be emphasized. The session's goal is to stimulate discussion about how spontaneously arising diseases and experimentally modeled diseases in mice can best be realigned with the current human classifications.

1:35-2:15pm

The Bethesda Proposals for Classification of Lymphoid and Non-lymphoid Hematopoietic Neoplasms in Mice: Application and Use in Biomedical Research

Laura Janke, DVM PhD DACVP

St. Jude Children's Research Hospital

2:20-3pm

WHO Classification of High Grade Mature B cell Lymphomas and Immunodeficiency- Associated Lymphoproliferative Disorders: An Update

Gabriela Gheorghe, MD

St. Jude Children's Research Hospital

3-3:30pm

Break

3:30-4:05pm

The Perils of Humanization -- A Mouse Perspective

Enrico Radaelli, DVM PhD DECVP

University of Pennsylvania, School of Veterinary Medicine

4:10-4:40pm

Clinical Pathology Considerations in Evaluating Mouse Models of Lymphoproliferative and Myeloproliferative Disorders

Kirstin Barnhart, DVM PhD DACVP

MBrace Therapeutics

4:40-5pm

Q&A

Tuesday, November 19

1:30-5pm

ASVCP Mystery Slide Case Session

Chair: Kristin Fisher, DVM MS DACVP

1:30-5pm

Industrial and Toxicologic Pathology Focused Scientific Session

Chairs: Caitlin Brown, DVM MS DACVP; Predrag Novakovic, DVM MSc PhD DACVP DABT; Laura Hoon-Hanks, DACVP

The field of industrial and toxicologic pathology is a rapidly evolving landscape. Cutting edge technologies and new approach methodologies, along with the ongoing development of regulatory requirements, are poised to transform the practice of toxicologic pathology. Hear from leaders in the field on what skills veterinary clinical and anatomic pathologists and trainees bring to tackle these new challenges and embrace change within the advancing science of toxicologic/industrial pathology. We have the skills, now let's take the leap!

1:32-2:15pm

Informing the Bleeding Edge: A Pathologist's Role in Supporting Novel Approaches to Modeling and Characterizing Human Health and Disease

Brian Berridge, DVM PhD DACVP

B2 Pathology Solutions LLC

2:15-2:30pm

OPTIMIZATION OF IN VITRO CHEMORADIATION RESPONSE ASSAY IN CANINE BLADDER CANCER ORGANOIDs TO ASSESS FOR SYNERGISTIC ACTIVITY

Mackenzie Long

University of Georgia College of Veterinary Medicine

2:30-2:45pm

VASCULAR PATHOLOGY ASSOCIATED WITH INDWELLING INTRAVENOUS CATHETERS IN SPRAGUE DAWLEY RATS: RECOMMENDED STANDARDIZED NOMENCLATURE AND FACTORS AFFECTING CATHETER PATENCY

Marc Mattix

Charles River Laboratories

2:45-3pm

DESCRIBING VISTA 360; AN INTERNAL PLATFORM FOR AI ASSISTANCE AND ALGORITHM INTEGRATION DURING PATHOLOGIST SLIDE REVIEW

Ruth Sullivan

Genentech

3-3:30pm

Break

3:30-3:45pm

A SPONTANEOUS MODEL FOR IGM GLOMERULONEPHROPATHY IN ATHYMIC NUDE MICE

Marietta Barro

Comparative Pathology Laboratory, School of Veterinary Medicine, University of California-Davis

3:45-4pm

MANAGING WSI QUALITY CONTROL WHILE BUILDING A VAST DIGITAL PATHOLOGY IMAGE REPOSITORY

Ruth Sullivan

Genentech

Tuesday, November 19

4-4:40pm

Getting in the Game: Training to Support and Influence the Discovery and Development of Next Generation Therapies

Melissa Schutten, DVM PhD DACVP
Pfizer

4:40-5pm

Panel Discussion

Tara Arndt, DVM DACVP (Dual)
Altasciences

Brian Berridge, DVM PhD DACVP
B2 Pathology Solutions LLC

Kevin Esch, DVM PhD DACVP
Zoetis

Melissa Schutten, DVM PhD DACVP
Pfizer

1:30-5pm

Davis-Thompson Foundation Trainee Course: Foundations of Pathology

**For pre-registered attendees only*

Chair: Jey Koehler, DVM PhD DACVP

The course is similar to the previous Descriptive Veterinary Pathology course. Targeted toward first-year residents, accumulated knowledge will be shared on how to evaluate, interpret, and describe gross, microscopic, and ultrastructural lesions, plus how to properly interpret IHC, ISH, and molecular testing. Discussion will also include how to structure residency study, available resources, and networking.

3-3:30pm

Education Break with Late-breaking Poster Authors Present

Coffee and tea available.

4-5pm

Updates on the Global Health Pathology Network with Special Focus on Pakistan Collaborative Node: A Framework for Sustainability in International Hybrid Diagnostic Pathology Training

Chair: Derron (Tony) Alves, DVM DACVP

The Global Health Pathology Network (GHPN), initiated in 2015, is under the umbrella of the Davis-Thompson Foundation, and conducts workshops in resource-constrained settings focused on enhancing veterinary diagnostic abilities using interactive educational modalities and adult learning principles. The goals of this session are to reintroduce the GHPN and provide updates on our expanding global reach, and to provide a detailed description of a successful collaborative node with University of Veterinary and Animal Sciences in Lahore, Pakistan, that can be used as a framework for veterinary educators seeking to engage in similar programs around the world.

Presenters

Ishtiaq Ahmed, DVM M.sc(Hons) PhD
University of Veterinary and Animal Sciences, Lahore, Pakistan

Tuesday, November 19

Sarah Corner, DVM PhD DACVP
Michigan State University Veterinary Diagnostic Laboratory

5:15-6:30pm

ACVP Awards and Recognition Event

Chair: ACVP President Lauri Diehl, DVM PhD DACVP

Come celebrate 2024 ACVP award winners.

6:30-8pm

ACVP President's Reception and 75th Anniversary Celebration

Chair: ACVP President Lauri Diehl, DVM PhD DACVP

Let's celebrate! Wrap up your Annual Meeting experience networking with other attendees over light appetizers and a complimentary beverage. A group photo will be taken to commemorate ACVP's 75th anniversary, with entertainment provided by *AC/VP*, whose rock-and-roll cover tune lyrics (and guitars) are tweaked to reinforce pathology concepts!



Tuesday, November 19