Friday, November 3, 2017

6:00 p.m.-8:00 p.m.
Registration Opens

Saturday, November 4, 2017

7:00 a.m.-7:30 p.m.
Registration

8:00 a.m.-5:00 p.m. (available at an additional fee)
ASVCP Pre-Meeting Workshop
External Quality Assurance and Proficiency Testing
Session Chairs: Jennifer R. Cook, DVM, MS*, Antech Diagnostics
Melinda S. Camus, DVM*, University of Georgia
Linda Vap, DVM*, Colorado State University

8:00 a.m.-5:00 p.m. (available at an additional fee)
ACVP Pre-Meeting Workshop
Approaches to Quantitative and Semi-Quantitative Scoring in
Translational Pathology
Session Chairs: Kelli Boyd, DVM, PhD*, Vanderbilt University
Medical Center
Piper Treuting, DVM, PhD*, University of Washington

3:00 p.m.-8:30 p.m.
Career Center

Saturday, November 4, 2017 (continued)

6:00 p.m.-8:00 p.m.
ASVCP Education Forum for Discussion
(tentative time slot)

6:15 p.m.-7:15 p.m.
Student and Resident Reception
Sponsored by Antech

7:30 p.m.-9:00 p.m.
Opening Reception and Veterinary Student Poster Session
Exhibits Open

Sunday, November 5, 2017

7:00 a.m.-5:00 p.m.
Registration

8:00 a.m.-12:00 noon
ASVCP Education Symposium
Drug Development and Clinical Trials in Lymphoma
Kirsten Weishaar, MS, DVM
Colorado State University

Diagnosis of Human Hematolymphoid Malignancies in 2017: A
Multi-modality Approach
Nathan D. Montgomery, MD, PhD
University of North Carolina School of Medicine

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Sunday, November 5, 2017 (continued)

8:00 a.m.-12:00 noon

ASVCP Veterinary Laboratory Professionals Session I
Session Chair: Nicole K. Rosen, MT(ASCP)

8:00 a.m.-9:00 a.m.
Ferret Lymphoma
  Bruce Williams, DVM*
  Joint Pathology Center

9:00 a.m.-10:00 a.m.
Laboratory Quality Assurance
  Greg Freeman

10:00 a.m.-10:30 a.m.
Refreshment Break

10:30 a.m.-11:30 a.m.
Point of Care Testing — Glucometers with a Discussion of QC Issues
  Kendal Harr, DVM*
  URIKA, LLC

8:00 a.m.-12:00 noon

Career Development Session: Professional Writing
Session Chairs:
  Lauren Himmel, DVM, PhD*
  Ohio State University
  Denise Schwahn, DVM, PhD*
  Seventh Wave Laboratories

8:00 a.m.-8:50 a.m.
Writing for Scientific Publication: Profitable Practices and Possible Perils
  Brad Bolon, DVM, PhD, DABT, FATS, FIATP*
  GEMPath, Inc.

8:50 a.m.-9:40 a.m.
Biopsy Reporting in the Digital Age: Lessons from a Beehive
  Jeff Edwards, DVM, MPH*
  Antech Diagnostics

10:00 a.m.-10:50 a.m.
Writing for the Toxicologic Pathologist: Diverse Audiences with Diverse Needs
  John L. Vahle, DVM, PhD*
  Lilly Research Laboratories

10:50 a.m.-11:40 a.m.
Writing a CV and Promotions Documentation
  Michael D. Lairmore, DVM, PhD, DACVM*
  University of California, Davis

8:00 a.m.-12:00 noon

Concurrent Session I: Phenotypic Analysis of Developing Mice
Session Chair: Susan Newbigging, DVM, DVSc
The Centre for Phenogenomics

8:00 a.m.-8:50 a.m.
Preparation of Embryonic and Perinatal Mice for Histopathological Evaluation
  Susan Newbigging, DVM, DVSc

8:50 a.m.-9:40 a.m.
A Primer on Mouse Embryo and Perinatal Histopathological Evaluation
  Jerrold M. Ward, DVM, PhD*
  Global VetPathology

9:40 a.m.-10:10 a.m.
A Primer on Placenta Processing and Pathology
  Brad Bolon DVM, PhD, DABT, FATS, FIATP*
  GEMPath, Inc.

10:10 a.m.-11:00 a.m.
Clinical Pathology in Embryonic and Perinatal Mice
  Kelli Boyd, DVM, PhD*
  Vanderbilt University Medical Center

11:00 a.m.-11:50 a.m.
Questions and Discussion

8:00 a.m.-12:00 noon

Industrial and Toxicologic Pathology Focused Scientific Session I
Session Chair: Gopinath Palanisamy, BVSc, PhD*
Genentech

Invited Speakers

8:05 a.m.-9:00 a.m.
Moving From ‘What You Think’ to ‘What You Know’ Mindset in Drug Development
  Prashant Nambiar, DVM, PhD, MBA, DABT*
  Pfizer, Inc.
Sunday, November 5, 2017 (continued)

10:30 a.m.-11:25 a.m.
Drug Development Programs Using CRISPR/Cas9: Important Safety Considerations
Daher Ibrahim Aibo, DVM, PhD*
Novartis Institutes for Biomedical Research

8:00 a.m.-12:00 noon
Natural Disease Focused Scientific Session I
Session Chair: Francisco Uzal, DVM, PhD*
University of California, Davis
Invited Speakers
Application of Principles of Liver Disease to the Interpretation of Gross and Histological Liver Changes: An Interactive Session
Roger Kelly, BVSc, MVSc, PhD
University of Queensland Veterinary School
Oral Mucosa Diseases in Dogs: How Helpful are the Fundamentals of Dermatopathology?
Cynthia Bell, DVM*
University of Wisconsin-Madison

9:00 a.m.-5:00 p.m.
Career Center

9:30 a.m.-4:30 p.m.
Focused Scientific Poster Session

12:00 noon-1:30 p.m.
Lunch Break (on your own)

12:15 p.m.-1:15 p.m.
Emerging Disease Focus Seminar
Emergence of Antiobiotic Resistant Organisms

1:30 p.m.-4:30 p.m.
ASVCP Veterinary Laboratory Professionals Session II
Session Chair: Nicole K. Rosen, MT(ASCP)

1:30 p.m.-2:30 p.m.
ProCyte and Advia Cytograms
Dennis DeNicola, DVM, PhD*
IDEXX Laboratories

2:30 p.m.-3:30 p.m.
QC
A Russell Moore
Colorado State University

3:30 p.m.-4:00 p.m.
Refreshment Break

Sunday, November 5, 2017 (continued)

4:00 p.m.-4:30 p.m.
Is Basophilia Really Rare?
Harold Tvedten, DVM, PhD*
Swedish Agricultural University

4:30 p.m.-5:00 p.m.
ProCyte dx Neutrophil-Lymphocyte Error: Frequency, Severity and How to Avoid It
Harold Tvedten, DVM, PhD*

1:30 p.m.-5:00 p.m.
Clinical Pathology Focused Scientific Session I
Session Chair: Kurt Zimmerman, DVM, PhD*
Virginia Tech
Invited Speaker
Canine TCC: New Approaches to Non-invasive Diagnosis, New Opportunities for Improved Outcome
Matthew Breen, PhD CBiol, FRSB
North Carolina State College of Veterinary Medicine

1:30 p.m.-5:00 p.m.
Diagnostic Pathology Focused Scientific Session I
Session Chair: Laura Kennedy, DVM*
University of Kentucky

1:30 p.m.-5:00 p.m.
Experimental Disease Focused Scientific Session I
Session Chair: Laura Baseler, DVM, PhD
MD Anderson Cancer Center
Invited Speakers
1:45 p.m.-2:30 p.m.
Next Generation Humanized Mice in Biomedical Research
Leonard D. Shultz, PhD
The Jackson Laboratory

3:30 p.m.-4:30 p.m.
The Dog Aging Project: Targeting Aging to Promote Healthy Longevity in Dogs
Matt Kaeberlein, PhD
University of Washington

1:30 p.m.-5:00 p.m.
Natural Disease Focused Scientific Session II
Session Chair: Francisco Uzal, DVM, PhD*
Invited Speaker
Livestock Neuropathology: New Diseases, New Approaches
Sandra Scholes, BVM&S, PhD
SAC Consulting Veterinary Services

4:30 p.m.-6:00 p.m.
ASVCP Business Meeting
**Sunday, November 5, 2017 (continued)**

6:00 p.m.-7:30 p.m.  
**ACVP Town Hall Business Meeting**

7:30 p.m.-9:30 p.m.  
**Mystery Slide Review: Wildlife Diseases**  
Session Chair: Judy St. Leger, DVM*  
Sea World California

**Monday, November 6, 2017**

7:30 a.m.-1:30 p.m.  
**Registration**

8:00 a.m.-12:00 noon  
**ACVP and ASVCP Joint Plenary Session: Autophagy**  
Session Chairs: David Meyerholz, DVM, PhD*  
University of Illinois  
Amanda Beck, DVM*  
Albert Einstein College of Medicine

8:00 a.m.-8:50 a.m.  
Autophagy: The Basics  
Daniel Klionsky, PhD  
University of Michigan

8:50 a.m.-9:40 a.m.  
Autophagy in Cancer  
Jayanta Debnath, MD  
University of California, San Francisco

9:40 a.m.-10:10 a.m.  
Refreshment Break

10:10 a.m.-11:00 a.m.  
Autophagy in Host Defense  
Christina Stallings, PhD  
Washington University School of Medicine

11:00 a.m.-11:50 a.m.  
Autophagy in Neurodegenerative Disease  
Zhenyu Yue, PhD  
Leon and Norma Hess Center for Science and Medicine, New York, NY

11:50 a.m.-12:00 noon  
Questions and Discussion

9:00 a.m.-12:00 noon  
**ASVCP Veterinary Laboratory Professionals Session III**  
Session Chair: Nicole K. Rosen, MT(ASCP)

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**Monday, November 6, 2017 (continued)**

9:00 a.m.-10:30 a.m.  
Nuances and Peculiarities of Cytograms on Advia  
Kirstin Barnhart, DVM, PhD*  
AbbVie

10:30 a.m.-11:00 a.m.  
Refreshment Break

11:00 a.m.-12:00 noon  
CRP — Acute Phase Proteins  
Anna Hillstrom

9:00 a.m.-5:00 p.m.  
**Career Center**

9:30 a.m.-1:00 p.m.  
**Focused Scientific Poster Session**

12:15 p.m.-1:45 p.m.  
**Latin Comparative Pathology Group Presents**  
Veterinary Pathology Journal Editors presents  
Designing and Publishing Observational Studies in Veterinary Pathology*

1:45 p.m.-3:30 p.m.  
**Latin Comparative Pathology Group Business Meeting**

1:30 p.m.-3:30 p.m.  
**ASVCP Case Discussion Session**

1:30 p.m.-4:30 p.m.  
**ACVP Community Service Project**

1:45 p.m.-3:00 p.m.  
**Meet the Pathologists: A Discussion of Careers in Pathology**

3:00 p.m.-5:00 p.m.  
**Veterinary Student and Resident Forum**

5:15 p.m.-6:45 p.m.  
**ASVCP Reception**

7:00 p.m.-9:00 p.m.  
**Mystery Slide Review: Neuropathology**  
Session Chair: Jey Koehler, DVM, PhD*  
Auburn University

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*ACVP Diplomate
## Preliminary Program

(subject to change)

### Tuesday, November 7, 2017

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>7:30 a.m. - 5:00 p.m.</td>
<td><strong>Registration</strong></td>
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<tr>
<td>8:00 a.m. - 12:00 noon</td>
<td><strong>Concurrent Session II: Ear Evaluation in Pathology and Toxicity</strong></td>
</tr>
<tr>
<td>Session Chairs: Bradley L. Njaa, DVM, MVSc*  Kansas State University  Kenneth A. Schafer, DVM, PhD*  Vet Path Services, Inc.</td>
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<tr>
<td>8:00 a.m. - 8:40 a.m.</td>
<td>Comparative Anatomy and Physiology of the External and Middle Ear  Bradley L. Njaa, DVM, MVSc*</td>
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<tr>
<td>8:40 a.m. - 9:20 a.m.</td>
<td>Anatomy and Physiology of Hearing and Balance  Teresa Southard, DVM, PhD*  Cornell University College of Veterinary Medicine</td>
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<tr>
<td>9:20 a.m. - 10:00 a.m.</td>
<td>Non-clinical In-life Study Requirements to Assess Ototoxicity  Rachel Tapp, MS  MPI Research</td>
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<tr>
<td>10:30 a.m. - 11:10 a.m.</td>
<td>Otic Pathology of Domestic Animals  Bradley L. Njaa, DVM, MVSc*</td>
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<tr>
<td>11:10 a.m. - 11:50 a.m.</td>
<td>Otic Toxicologic Pathology – Histopathologic Evaluation of the Ear  Kenneth A. Schafer, DVM, PhD*  Vet Path Services, Inc.</td>
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<tr>
<td>8:00 a.m. - 12:00 noon</td>
<td><strong>Concurrent Session III: Pathology of Commercial Salmonids</strong></td>
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<tr>
<td>Session Chair: Heinrich Snyman, BVSc, DVSc*  British Columbia Ministry of Agriculture</td>
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<tr>
<td>8:00 a.m. - 8:50 a.m.</td>
<td>Speaker information to be announced</td>
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<tr>
<td>8:50 a.m. - 9:40 a.m.</td>
<td>The Politics of Pathology in BC's Aquaculture Industry: How Pathology Plays a Major Role in the Governance of Aquaculture  Brad Hicks, BSc, MSc, DVM  B. Hicks and Associates, Inc.</td>
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<tr>
<td>9:00 a.m. - 5:00 p.m.</td>
<td><strong>Career Center</strong></td>
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</tbody>
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### Tuesday, November 7, 2017 (continued)

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<tr>
<td>9:30 a.m. - 3:30 p.m.</td>
<td><strong>Focused Scientific Poster Session</strong></td>
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<tr>
<td>9:40 a.m. - 10:10 a.m.</td>
<td>Refreshment Break</td>
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<tr>
<td>10:10 a.m. - 11:00 a.m.</td>
<td>Long-Term Surveillance Identifies Emergent and Declining Diseases Among Farmed Salmon Populations  Gary D. Marty, MS, DVM, PhD*  Ministry of Agriculture, Animal Health Centre</td>
</tr>
<tr>
<td>11:00 a.m. - 11:50 a.m.</td>
<td><em>Myxobolus cerebralis</em> Whirls into Banff National Park — What Now?  Heinrich Snyman, BVSc, DVSc*</td>
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<tr>
<td>11:50 a.m. - 12:00 noon</td>
<td>Questions and Discussion</td>
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<tr>
<td>8:00 a.m. - 12:00 noon</td>
<td><strong>Clinical Pathology Focused Scientific Session II</strong></td>
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<tr>
<td>Session Chair: Kurt Zimmerman, DVM, PhD*  Invited Speaker</td>
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<tr>
<td>8:00 a.m. - 12:00 noon</td>
<td><strong>Education Focused Scientific Session</strong></td>
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<tr>
<td>Session Chair: Melinda Camus, DVM*  Invited Speaker</td>
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*ACVP Diplomate
Tuesday, November 7, 2017 (continued)

1:10 a.m.-11:30 a.m.
So You've Taken the ACVP Board Certification Examination—Can You Talk About it? Cultivating a Culture of Ethical Behavior Post-examination
Elizabeth W. Howerth, DVM, PhD*
University of Georgia

12:00 noon-1:30 p.m.
Lunch Break (on your own)

1:30 p.m.-5:00 p.m.
ASVCP Mystery Slide Case Session

1:30 p.m.-5:00 p.m.
Diagnostic Pathology Focused Scientific Session II
Session Chair: Laura Kennedy, DVM*

1:30 p.m.-5:00 p.m.
Experimental Disease Focused Scientific Session II
Session Chair: Laura Baseler, DVM, PhD*
Invited Speakers
1:45 p.m.-2:30 p.m.
Biomarkers, Biotherapeutics, and Other Discoveries at the Boundary of Spontaneous and Experimental Disease in Animals
Jaime Modiano, VMD, PhD
University of Minnesota

3:30 p.m.-4:30 p.m.
Folliculin Interacting Protein-1: An AMPK-interacting Protein Involved in B Lymphocyte Development, Transformation, and Skeletal Muscle Metabolism
Brian Iritani, DVM, PhD
University of Washington School of Medicine

1:30 p.m.-5:00 p.m.
Industrial and Toxicologic Pathology Focused Scientific Session II
Session Chair: Gopinath Palanisamy, BVSc, PhD*
Invited Speakers
1:35 p.m.-2:30 p.m.
Immunophenotyping of Ocular Lesions Associated with Intravitreal Biotherapeutics
Oliver C. Turner, BSc(Hons), BVSc, MRCVS, PhD, DABT*
Novartis Institute for Biomedical Research

3:30 p.m.-4:25 p.m.
Digital Pathology in Drug Discovery
Vanessa Lea Schumacher, DVM, MS, DABT*
Roche Innovation Center

Tuesday, November 7, 2017 (continued)

1:30 p.m.-5:00 p.m.
Mini-Symposium I: Prion Diseases Emerging Concerns and Recent Progress
Session Chair: Justin Greenlee, DVM, PhD*
USDA Agricultural Research Service

1:30 p.m.-2:15 p.m.
Updates on Scrapie: The Prion Disease of Sheep and Goats
Justin Greenlee, DVM, PhD*

2:15 p.m.-3:00 p.m.
Chronic Wasting Disease of North American Cervids
Gordon Mitchell, DVM, PhD*
Canadian Food Inspection Agency

3:00 p.m.-3:30 p.m.
Refreshment Break

3:30 p.m.-4:15 p.m.
Speaker to be announced

4:15 p.m.-5:00 p.m.
Cross Species Prion Transmission and Prion Pathogenesis
Christina Sigurdson, DVM, PhD*
University of California, San Diego

5:15 p.m.-6:45 p.m.
ACVP Awards and Recognition Event

7:00 p.m.-9:30 p.m.
ACVP Presidential Reception

Wednesday, November 8, 2017

8:00 a.m.-1:00 p.m.
Registration

8:00 a.m.-12:00 noon
Concurrent Session IV: Wildlife Pathology of the Great Northwest
Session Chair: Judy St. Leger, DVM*
Sea World Parks and Entertainment

8:00 a.m.-8:50 a.m.
Bringing It All Together — Integrating Killer Whale Pathology and Environmental Concerns
Judy St. Leger, DVM*

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Wednesday, November 8, 2017 (continued)

8:00 a.m.-12:00 noon
Concurrent Session V: Forensic Pathology
Session Chairs: Rebecca Kagan, DVM*
U.S. Fish and Wildlife Service, National Forensics Laboratory
Tabitha Viner, DVM*
U.S. Fish and Wildlife Service, National Forensics Laboratory

8:00 a.m.-8:50 a.m.
Step By Step: Working up a Forensic Pathology Case
Tabitha Viner, DVM*

8:50 a.m.-9:40 a.m.
Non-traditional Diagnostics for the Forensic Pathologist
Rebecca Kagan, DVM*

9:40 a.m.-10:10 a.m.
Refreshment Break

10:10 a.m.-11:00 a.m.
Forensic Anthropology, Taphonomy and Death Investigations
Veronica Vance, PhD
Oregon State Police

11:00 a.m.-11:50 a.m.
An Overview of Forensic Histopathology
Adam Stern, DVM*
University of Illinois and the Midwest Center for Veterinary Forensics

Wednesday, November 8, 2017 (continued)

11:50 a.m.-12:00 noon
Questions and Discussion

8:00 a.m.-12:00 noon
Mini-Symposium II: Cell Death
Session Chairs: Caroline Zeiss, DVM, PhD*
Yale University
Susan Elmore, DVM, PhD*
NIEHS

8:00 a.m.-8:50 a.m.
The Role of Necroptotic Cell Death in Host Defense
Andrew Oberst, PhD
University of Washington, Seattle, WA

8:50 a.m.-9:40 a.m.
Mechanisms of Cell Death: Molecular Concepts and Therapeutic Applications
Caroline Zeiss, BVSc, PhD*

9:40 a.m.-10:10 a.m.
Refreshment Break

10:10 a.m.-11:00 a.m.
Various Types of Cell Death; Challenges of Differentiation and Identification
Susan Elmore, DVM, DABT, FIATP*
NTP/NIEHS

11:00 a.m.-11:50 a.m.
Comparative Oncology Studies in Canine and Human Cancer Immunotherapies
Mark Mamula, PhD
Yale University School of Medicine

11:50 a.m.-12:00 noon
Questions and Discussion

8:00 a.m.-12:00 noon
ACVP Young Investigator Award Poster Session

1:00 p.m.-5:00 p.m. (available at an additional fee)
Post-Meeting Workshop I: Diagnostic Evaluation of the Ultrastructure Pathology
Session Chairs: Vincent Meador, DVM, PhD*
Covance
William A. Meier, DVM*
Covance

1:00 p.m.-5:00 p.m. (available at an additional fee)
Post-Meeting Workshop II: Immunotherapy

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