Thursday, October 28
9:00 AM - 4:30 PM CDT
ACVP Pre-Meeting Workshop Primate Pathology: Geriatric Pathology of NHP
Session Chair: Rebekah Keesler, DVM, DACVP, Charles River Laboratories, Reno, NV

9:00 AM - 9:10 AM CDT
Introduction
Rebekah Keesler, DVM, DACVP,
Charles River Laboratories, Reno, NV

9:10 AM - 10:00 AM CDT
Orangutan Pathology
Sushan Han, DVM, PhD, DACVP, College of Veterinary Medicine and Biomedical Sciences,
Colorado State University, Fort Collins, CO

9:55 AM - 10:05 AM CDT
Live Q&A With Speaker

10:05 AM - 10:55 AM CDT
Immune Senescence in NHP Models
Ilhem Messaoudi, PhD, Center for Virus Research, University of California, Irvine, Irvine, CA

10:55 AM - 11:05 AM CDT
Live Q&A With Speaker

11:05 AM - 12:00 PM CDT
Macular Degeneration in NHP Models
Martha Neuringer, PhD, Oregon National Primate Research Center, Oregon Health and Science
University, Portland, OR
Thursday, October 28 (cont.)
ACVP Pre-Meeting Workshop Primate Pathology: Geriatric Pathology of NHP (contd)

12:00 PM - 12:55 PM CDT
**NHP Geropathology Grading Platform**
Katie Olstad, DVM, DACVP, California National Primate Research Center, University of California, Davis, Davis, CA
Denise Imai-Leonard, DVM, PhD, DACVP, Comparative Pathology Laboratory, University of California, Davis, Davis, CA

12:55 AM - 1:05 AM CDT
**Live Q&A With Speaker**

1:05 PM - 1:45 PM CDT
**Break**

1:45 PM - 3:30 PM CDT
**Short Case Presentations**

6:30 PM - 8:30 PM CDT
**Mystery Slide Session: Neuropathology**
Session Chair: Andrew D. Miller, DVM, DACVP, Cornell University, Ithaca, NY
Panel:
LaTasha Crawford, University of Wisconsin, Madison, WI
Dan Rissi, University of Georgia, Athens, GA
Hannes Vogel, Stanford University, Stanford, CA

Friday, October 29
8:00 AM - 12:30 PM CDT
**C.L. Davis/S.W. Thompson Foundation Pre-Meeting Workshop: Soft Tissue Tumors are “Hard”: Current Perspectives**
Session Chairs: Francisco A. Uzal, DVM, MSc, PhD, DACVP Davis-Thompson Foundation; Jennifer L. Chapman, DVM, DACVP, Davis-Thompson Foundation

8:00 AM - 8:15 AM CDT
**Welcome**
Francisco A. Uzal

8:15 AM - 8:30 AM CDT
**Soft Tissue Tumors: Introduction to the New Fascicle**
Paola Roccabianca, DVM, PhD, DECVP, Università degli Studi di Milano DIMEVET - Dipartimento di Medicina Veterinaria, Lodi, Italy
Friday, October 29 (cont.)
C.L. Davis/S.W. Thompson Foundation Pre-Meeting Workshop: Soft Tissue Tumors are “Hard”: Current Perspectives (cont.)

8:30 AM - 9:00 AM CDT
**Soft Tissue Tumors: General Considerations and Challenges of Diagnosis**
F. Yvonne Schulman, DVM, DACVP, Zoetis Reference Labs, Bow, NH

9:00 AM – 9:45 AM CDT
**Soft Tissue Tumors: Grading**
Giancarlo Avallone, DVM, PhD, DECVP, Dipartimento di Scienze Mediche Veterinarie, Università di Bologna, Italy

9:45 AM - 10:15 AM CDT
**Soft Tissue Tumors: Guidelines for Diagnosis and Reporting**
Paola Roccabianca

10:15 AM - 10:30 AM CDT **Break**

10:30 AM - 11:00 AM CDT
**Perivasular Wall Tumor/Peripheral Nerve Sheath Tumor**
Giancarlo Avallone

11:00 AM - 11:30 AM CDT
**Feline Injection Site Sarcoma**
F. Yvonne Schulman

11:30 AM - 12:00 PM CDT
**Equine Sarcoid**
Paola Roccabianca

12:00 PM - 12:30 PM CDT
**Cutaneous Hemangioma/Hemangiosarcoma**
F. Yvonne Schulman, DVM, DACVP, Zoetis Reference Labs, Bow, NH

1:30 PM - 2:30 PM CDT
**IDEXX Sponsored Session: Virtual Careers – Navigating the “New Normal”**
Speakers:
Amber Kachmar, Dr Jeremy Tobias, Dr Sebastien Overelde

4:00 PM - 6:30 PM CDT
**Diversity, Equity, and Inclusion in Veterinary Pathology Training Programs: Current State and Future Directions**
Keynote Speaker: Florette Kim Gray Hazard, MD
Lucile Packard Children's Hospital and Stanford School of Medicine, Stanford, CA
Friday, October 29 (cont.)
8:00 PM - 9:30 PM CDT
Diversity, Equity, and Inclusion in Veterinary Pathology Social Event

Saturday, October 30
8:00 AM - 12:00 PM CDT
C.L. Davis/S.W. Thompson Foundation Pre-Meeting Workshop: Soft Tissue Tumors are “Hard”: Current Perspectives (continued)
8:00 AM - 8:45 AM CDT
The Spectrum of Vascular Neoplasms
F. Yvonne Schulman

8:45 AM - 9:30 AM CDT
Reactive and Progressive Vascular Lesions
Paola Roccabianca

9:30 AM - 10:00 AM CDT
Renaming Old Entities: Focal Reactive Fibroplasia and Undifferentiated Pleomorphic Sarcoma
Giancarlo Avallone

10:00 AM - 10:15 AM CDT Break

10:15 AM - 10:45 AM CDT
Perineurioma
Brian A. Summers FRCVS, FRCPath, Cornell University, Melbourne, Victoria, Australia

10:45 AM - 12:00 PM CDT
Case Discussion of Scanned Slides (cases sent to participants ahead of time)
All

8:00 AM - 12:00 PM CDT
ISACP/ASVCP Pre-Meeting Workshop:
Understanding the Crucial Role of Acute Phase Proteins in Veterinary Clinical Pathology
8:00 AM - 8:15 AM CDT
Opening Remarks
David Eckersall, PhD, University of Glasgow, UK

8:10 AM - 8:45 AM CDT
Session 1: Evidence-based App Applications in Companion Animals
Saturday, October 30 (cont.)

ISACP/ASVCP Pre-Meeting Workshop:
Understanding the Crucial Role of Acute Phase Proteins in Veterinary Clinical Pathology (cont.)

Session Moderator: Gabriele Rossi, DVM, PhD, DECVP, Murdoch University, Australia

Acute Phase Proteins in Dogs
Jose Ceron, DVM, PhD, DECVP, University of Murcia, Spain

Acute Phase Proteins in Cats
Gabriele Rossi, DVM, PhD, DECVP, Murdoch University, Australia

8:45 AM - 9:00 AM CDT Break

9:00 AM - 9:30 AM CDT

Session 2: Evidence-based App Applications in Large Animals
Session Moderator: Stine Jacobsen, DVM, PhD, DECVS, University of Copenhagen, Denmark

Acute Phase Proteins in Swine and Bovine
Anna Bassols, PhD, Universitat Autonoma de Barcelona, Spain

Acute Phase Proteins in Equine Medicine and Surgery
Stine Jacobsen, DVM, PhD, DECVS, University of Copenhagen, Denmark

9:30 AM - 9:45 AM CDT Break

9:45 AM - 10:15 AM CDT

Session 3: Comparative and Translational Applications of Apps
Session Moderator: Emma Hooijberg, BVSc, PhD, DECVP, University of Pretoria, South Africa

Acute Phase Proteins in Wildlife and Zoo Animals
Emma Hooijberg, BVSc, PhD, DECVP, University of Pretoria, South Africa

Acute Phase Proteins in Laboratory Animals
Carolyn Cray, PhD, University of Miami Leonard M. Miller School of Medicine, USA

10:15 AM - 10:30 AM CDT Break

10:30 AM - 11:00 AM CDT

Session 4: App R&D, Implementation in the Laboratory and Field
Session Moderator: Carolyn Cray, PhD, University of Miami Leonard M. Miller School of Medicine, USA

New Assay for Canine SAA & Results in Dogs with Sepsis
Erica Behling-Kelly, DVM, PhD, DACVP, Cornell University, USA

Validation of Multispecies Haptoglobin Assay
David Eckersall, PhD, University of Glasgow, UK

Review of Methods and Reagents from Vendor Partners
Eiken Chemical, Life Diagnostics, and Others

11:00 AM - 11:15 AM CDT Break
Saturday, October 30 (cont.)
ISACP/ASVCP Pre-Meeting Workshop:
Understanding the Crucial Role of Acute Phase Proteins in Veterinary Clinical Pathology (cont.)
11:15 AM - 12:30 PM CDT
   Session 5: Live Roundtable Discussion and Q&A
   Session Moderators: Carolyn Cray, PhD and Stine Jacobsen, DVM, PhD, DECVS
   Voices from the Field
   Veterinarians and researchers from across the world who currently use APPs in their practice and studies
   Live Discussion Items from Speakers
   • Expert Perspectives
   • Late-breaking Work
   • Standardization
   • Future of APP – Research and Needs

3:00 PM - 4:30 PM CDT
Veterinary Student Afternoon Tea
• What does SCAVP do for you?
• What opportunities are available from the Society of Toxicologic Pathology (STP)?
• 2021 Veterinary Student Poster Awards Announced
• 2021 Mentor of the Year Award Announced
• Raffle Prizes—veterinary student attendees can register for prizes during the virtual event!

4:30 PM - 5:00 PM CDT
Highlighted Posters: Diagnostic Pathology and Education
Session Chair: Hendrich Snyman, BVSc, DVSc, DACVP, University of Guelph, Guelph, Ontario, Canada

4:30 PM - 5:00 PM CDT
Highlighted Posters: Clinical Pathology
Session Chair: Austin Viall, DVM, DACVP, Iowa State University, Ames, IA

5:00 PM - 6:00 PM CDT
Focused Scientific Poster Session: Clinical Pathology, Diagnostic Pathology, and Education

6:00 PM - 7:30 PM CDT
Presidential Reception
Instructions to Access the Presidential Reception
Sunday, October 31
6:30 AM - 7:30 AM CDT
Yoga Flow & Restore with Katherine Gibson-Corley and Meditation with Jolanda Verhoef

8:00 AM - 11:30 AM CDT
ACVP and ASVCP Joint Plenary Session: Precision Medicine
Session Chairs: Heather Sheppard, DVM, PhD, DACVP, St. Jude Children’s Research Hospital, Memphis, TN
Amy Durham, VMD, DACVP, University of Pennsylvania, Philadelphia, PA

Towards Realizing the Promise of Precision Veterinary Medicine
David B. Roth, MD, PhD, University of Pennsylvania Perelman School of Medicine, Philadelphia, PA

DNA Methylation Profiling for Classification of Human Solid Tumors
Brent A. Orr, MD, PhD, St. Jude Children’s Research Hospital, Memphis, TN

Delivering Genomic and Precision Medicine to Veterinary Oncology
Chand Khanna, DVM, PhD, DACVIM, DACVP, Ethos Veterinary Health/Ethos Discovery, Woburn, MA

8:00 AM - 12:00 PM CDT
ASVCP Veterinary Laboratory Professionals Session I
Session Chairs: Kristina Meichner, DVM, DACVP, University of Georgia, Athens, GA
Trellor Fraites, MT, MPH, MBA, Ross University School of Veterinary Medicine, West Farm, St. Kitts

Analytical Challenges of Urine Protein to Creatinine Ratio Measurements
Gabriele Rossi, DVM, PhD, DECVCP, Murdoch University, Murdoch, WA, Australia

Urine Chemistry Testing with a Focus on Special Tests
Bridget Garner, DVM, PhD, DACVP, University of Georgia, Athens, GA

Automated Urine Sediment Analysis, Part I and II
Dennis B. DeNicola, DVM, PhD, DACVP, IDEXX Laboratories, Inc., Westbrook, ME

11:30 AM - 12:00 PM CDT
Veterinary Student Selected Poster Highlights: Oral Presentations
Session Chair: Emily Corbin, The Joint Pathology Center, Silver Spring, MD

12:00 PM - 1:00 PM CDT
Focused Scientific Poster Session: Natural Disease and Veterinary Student Posters
Sunday, October 31 (cont.)
12:00 PM - 1:30 PM CDT
Latin Comparative Pathology Group Presents
Session Chairs: Angela Arenas, DVM, PhD, DACVP, Texas A&M University, College Station, TX
Ileana Miranda, DVM, MSc, Memorial Sloan Kettering Cancer Center, New York, NY
Ana Alcaraz, DVM, PhD, DACVP, Western University, Pomona, CA

Welcome and Introduction of the LCPG Activities
Paola Barato, DVM, Esp, PhD, President LCPG and Corpavet, Bogota, Colombia

Human-animal Interface of COVID-19: Natural and Experimental Infections
Diego G. Diel DVM, MS, PhD, Cornell University, Ithaca, NY

Comparative Pathology and Pathogenesis of Emerging Zoonotic Respiratory Coronavirus
Judith van den Brand, DVM, PhD, DECVP, Utrecht University, The Netherlands

Digital Pathology and Quantitative Image Analysis in Animal Models for SARS-COV-2
Cesar Piedra-Mora, DVM, Tufts University, Boston, MA

1:00 PM - 1:30 PM CDT
Highlighted Posters: Natural Disease
Pompei Bolfa, DVM, DACVP

1:30 PM - 5:00 PM CDT
ASVCP Veterinary Laboratory Professionals Session II
Session Chairs: Kristina Meichner, DVM, DACVP, University of Georgia, Athens, GA
Trellor Fraites, MT, MPH, MBA, Ross University School of Veterinary Medicine, West Farm, St. Kitts

Avian Hematology
Kendal E. Harr, DVM, MS, DACVP, URIKA, LLC, Mukilteo, WA
Proceedings

Reptile Hematology
Kendal E. Harr, DVM, MS, DACVP

Biochemistry Analysis in Exotic Animal Species
J. Jill Heatley, DVM, MS, DABVP, DACVM, Texas A&M University, College Station, TX
Proceedings
Sunday, October 31 (cont.)

1:30 PM - 5:00 PM CDT
Clinical Pathology Focused Scientific Session I
   Session Chair: Austin Viall, DVM, DACVP, Iowa State University, Ames, IA
   Invited Speaker
   Immunothrombosis: When Coagulation and Inflammation Collide
   Marjory B. Brooks, DVM, DACVIM, Cornell University, Ithaca, NY
Proceedings

1:30 PM - 5:00 PM CDT
Diagnostic Pathology Focused Scientific Session I
   Session Chair: Hendrich Snyman, BVSc, DVSc, DACVP, University of Guelph, Guelph, Ontario, Canada

1:30 PM - 5:00 PM CDT
Industrial and Toxicologic Pathology Focused Scientific Session
   Session Chair: Shambhunath Choudhary, BVSc, PhD, DACVP, DABT, Pfizer, Inc., Pearl River, NY
   Invited Speaker
   Animal Models of COVID-19 from the Pathologist’s Point of View
   Shambhunath Choudhary, BVSc, PhD, DACVP, DABT, Pfizer, Inc., Pearl River, NY

5:00 PM - 6:30 PM CDT
ACVP Town Hall Business Meeting

6:30 PM - 8:00 PM CDT
Davis-Thompson Foundation Award Ceremony

Monday, November 1

6:30 AM - 7:30 AM CDT
Yoga Flow with Julie Engiles and Meditation with Jolanda Verhoef

8:00 AM - 10:00 AM CDT
Career Development Session II Consulting: Who Are You Going to Call? How Are You Going to Get Called?
   Session Chairs: Tanya LeRoith, DVM, PhD, DACVP, Virginia Tech, Blacksburg, VA
   Nicola Parry, BSc (Hons), MSc, BVSc (Hons), DACVP, FRCVS, University of Surrey School of Veterinary Medicine, UK
   Five Tips to Help Kickstart Your Consulting Business
   Nicola Parry Proceedings

   Consultation During Retirement: Is This the Life for You?
   Rose E. Raskin, DVM, PhD, DACVP, MRCVS, Purdue University, West Lafayette, IN
Monday, November 1 (cont.)

Career Development Session II Consulting: Who Are You Going to Call? How Are You Going to Get Called? (cont.)
- Transitioning into Pathology Consulting: Challenges with Opportunities
  Elizabeth Neyens, DVM, DABT, ElizabethToxPath Consulting Inc., Vancouver, BC, Canada
  Proceedings
- Anatomic Pathology Consulting: Story of a Fish Out of Water
  Susan Fogelson, MS, DVM, PhD, DACVP, Fishhead Labs, LLC, Stuart, FL
  Proceedings

8:00 AM - 12:00 PM CDT

ASVCP Current Topics Session: Molecular Diagnostics
Session Chairs: Kristina Meichner, DVM, DACVP, University of Georgia, Athens, GA
Julie Allen BVMS, MS, DACVIM (SAIM), DACVP, Veterinary Information Network, Davis, CA

- Canine Cancer Genome Landscapes and Emerging Diagnostics
  William Hendricks, PhD, Vidium Animal Health, Phoenix, AZ
- How Molecular Diagnostics has Advanced the Diagnosis of Veterinary Infectious Diseases
  Rebecca P. Wilkes, DVM, PhD, Purdue University, West Lafayette, IN
  Proceedings
- Molecular Tests in Routine Human Cytopathology
  Jeffrey Mito, MD, PhD, Brigham and Women’s Hospital, Harvard Medical School, Boston, MA
  Proceedings
- Molecular Assays in the Diagnosis of Hemostastic Disorders
  Pete W. Christopherson, DVM, PhD, DACVP, Auburn University, Auburn, AL
  Proceedings

8:00 AM - 12:00 PM CDT

Concurrent Session: Pathology of Unconventional Animal Models
Session Chairs: Laura Janke, DVM, PhD, DACVP, St. Jude Children’s Research Hospital, Memphis, TN
Elise LaDouceur, DVM, DACVP, Joint Pathology Center, Silver Spring, MD

- Honeybees and Veterinary Pathologists
  Elemir Simko, DVM, DVSc, DACVP, University of Saskatchewan, Saskatchewan, Saskatoon, Canada
- Confessions of a Fish Toxicologic Pathologist
  Jeff Wolf, DVM, DACVP, Experimental Pathology Laboratories, Inc., Sterling, VA
  Proceedings
- Pathology of Amphibians in Research
  Allan Pessier, DVM, DACVP, Washington Animal Disease Diagnostic Laboratory, Washington State University, Pullman, WA
- Some Interesting Marine Invertebrate Animal Models
  Roxanna Smolowitz, DVM, DACVP, Roger Williams University, Bristol, RI
Monday, November 1 (cont.)

10:00 AM - 11:30 AM CDT
Career Development Session: Cognition and Cognitive Bias on the Practice of Pathology
Session Chair: Ana Alcaraz, DVM, PhD, DACVP, Western University of Health Science, Pomona, CA
Speaker: Amy Warren, DVM, PhD, DACVP, University of Calgary, Calgary, Alberta, Canada

Proceedings

12:15 PM - 1:15 PM CDT
Emerging Disease Focus Seminar: COVID-19
Session Chair: Jana M. Ritter, DVM, DACVP, Centers for Disease Control and Prevention, Atlanta, GA
COVID-19 mRNA Vaccines: Unprecedented Vaccines for Unprecedented Times
Rani S. Sellers, DVM, PhD, DACVP, Pfizer, Pearl River, NY
Eric Jacquinet, DVM, PhD, DABT, Moderna, Inc., Cambridge, MA

1:30 PM - 3:00 PM CDT
Education Focused Scientific Session: Scientific and Regulatory Writing Considerations in Pathology
Session Chairs: Ingrid Pardo, DVM, MS, DACVP, Biogen, Cambridge, MA
Ana Alcaraz, DVM, PhD, DACVP, Western University of Health Science, Pomona, CA

Predatory Publishing
Susan A. Elmore, MS, DVM, DACVP, DABT, FIATP, ElmorePathology, LLC, Chapel Hill, NC
Proceedings

Advantages and Disadvantages of Preprint Publication
Kevin Keane, DVM, PHD, FIATP, Novo Nordisk, Copenhagen, Sweden

Regulatory Writing from the Point of View of Regulators
Deepa B. Rao, BVSc, PhD, DABT, DACVP, FIATP Greenfield Pathology Services, Inc., Ellicott City, MD

Regulatory Writing from the Point of View of Industry/CROs
Emily Meseck, DVM, DACVP, DABT, Novartis, East Hanover, NJ

Scientific Writing Editor and Speaker Roundtable
Jeff L. Caswell, DVM, DVSc, PhD, DACVP
Susan A. Elmore, MS, DVM, DACVP, DABT, FIATP
Kevin Keane, DVM, PhD, FIATP
Grant Maxie, DVM, PhD, DACVP
Emily Meseck, DVM, DACVP, DABT
Deepa Rao, BVSc, PhD, DABT, DACVP, FIATP
Wendy Sprague, DVM, PhD, DACVP
Monday, November 1 (cont.)

1:30 PM - 3:00 PM CDT
Natural Disease Focused Scientific Session I
Session Chair: Pompei Bolfa, DVM, DACVP, Ross University School of Veterinary Medicine, Basseterre, Saint Kitts and Nevis
Invited Speaker
Community-engaged Wildlife Health Surveillance in a Changing Arctic
Susan Kutz, DVM, PhD, University of Calgary, Calgary, Alberta, Canada

1:30 PM - 3:30 PM CDT
ASVCP Case Review Session
Session Chair: Laura C. Cregar, DVM, DACVP, Charles River Laboratories, Mattawan, MI

3:00 PM - 5:00 PM CDT
Meet the Pathologists
Session Chair: R. Mark Simpson, DVM, PhD, DACVP, National Cancer Institute, Bethesda, MD

3:00 PM - 5:00 PM CDT
Professional Self-care and Wellbeing
Session Chair: Katherine Gibson-Corley, DVM, PhD, DACVP, Vanderbilt University Medical Center, Nashville, TN

Authentically Professional: Negotiation as Self Care
Beth Bellman, MA, PhD, University of Iowa, Iowa City, IA
Proceedings

Healthy Eating: Tips from a Registered Dietitian
Ramona Shih, MSPH, RD, AltaMed Health Services, Los Angeles, CA
Proceedings

Live Your Dash: Financial Planning for Pathologists and Trainees
Nick Palmer, MA, CRPC, EA, Palmer Wealth Planning, Nashville, TN
Proceedings

4:00 PM - 5:30 PM CDT
ASVCP Education Forum: Teaching Clinical Pathology in the Age of Systems-based and Competency-based Veterinary Education
Session Chair: Shannon Dehghanpir, DVM, DACVP, Louisiana State University, Baton Rouge, LA
Panel:
Bill Vernau BSc, BVMS, DVSc, PhD, DACVP, University of California, Davis, CA
Sharon Dial, DVM, PhD, DACVP, University of Arizona, Phoenix, AZ
Maxey L. Wellman, DVM, PhD, DACVP, The Ohio State University, Columbus, OH
Erin Burton, DVM, MS, DACVP, University of Minnesota, Minneapolis, MN
Monday, November 1 (cont.)

5:00 PM - 7:00 PM CDT
**Mystery Slide Review Session: Dermatopathology**
Session Chair: Martha A. Delaney, DVM, PhD, DACVP, University of Illinois, Brookfield, IL
Panel:
Verena Affolter, DVM, DrMedVet, PhD, DECVP, University of California, Davis, Davis, CA
Charles Bradley, VMD, DACVP, University of Pennsylvania, Philadelphia, PA
Barbara McMahill, DVM, PhD, DACVP, IDEXX Laboratories, Inc., Lander, WY
Dominique Wiener, DrMedVet, PhD, DECVP, Texas A&M University, College Station, TX

5:30 PM - 7:00 PM CDT
**ASVCP Resident Meet-and-Greet**

7:00 PM - 9:00 PM CDT
**Veterinary Student and Resident Forum**
Instructions to Access the Veterinary Student and Resident Forum
Veterinary Student and Resident Forum Flyer

Tuesday, November 2

6:30 AM - 7:30 AM CDT
**Chair Yoga with Katherine Gibson-Corley and Meditation with Sue Knoblaugh**

8:00 AM - 12:00 PM CDT
**Concurrent Session: Molecular Pathology in Veterinary Medicine**
Sponsored by the Pathology Informatics Committee
Session Chairs: Chandra Saravanan, DVM, PhD, DACVP, Novartis Institutes for BioMedical Research, Cambridge, MA
Elisa Salas, DVM, DACVP, IDEXX Laboratories, Inc., Westbrook, ME

  - **Molecular Pathology in Drug Discovery and Development**
    Keith Mansfield, DVM, DACVP, Novartis Institutes for BioMedical Sciences, Cambridge, MA
    Proceedings

  - **Mitotic Count: Standardization Through Artificial Intelligence**
    Christof A. Bertram, DrMedVet, Institute of Veterinary Pathology, Freie Universität Berlin, Berlin, Germany
    Proceedings

  - **Integration of Molecular Techniques in Routine Surgical Pathology**
    Tuddow Thaiwong, DVM, PhD, DACVP, Michigan State University, Lansing, MI
    Proceedings
Tuesday, November 2 (cont.)
Concurrent Session: Molecular Pathology in Veterinary Medicine (cont.)

**CLARIFIDE Plus: Development and Validation of Genomic Predictions for Wellness Traits in Dairy Cattle**
Natascha Vukasinovic, PhD, Zoetis, Kalamazoo, MI

**The Utility of Clonality Testing and Immune Repertoire Sequencing for Research and Diagnostics**
Stefan Keller, DVM, DrMedVet, PhD, DECVP, University of California, Davis, CA
Proceedings

**MicroRNA and Next Generation Sequencing in Veterinary Medicine**
Eric Fish, DVM, PhD, DACVP, IDEXX, Tampa, FL
Proceedings
8:00 AM - 12:00 PM CDT

Clinical Pathology Focused Scientific Session II
Session Chair: Austin Viall, DVM, DACVP, Iowa State University, Ames, IA

**Invited Speaker: Update on Canine and Feline Blood Typing and its Clinical Impact**
Marie-Claude Blais, DMV, DACVIM, Université de Montréal, St-Hyacinthe, QC, Canada
Proceedings

8:00 AM - 12:00 PM CDT

Diagnostic Pathology Focused Scientific Session II
Session Chair: Hendrich Snyman, BVSc, DVSc, DACVP, University of Guelph, Guelph, Ontario, Canada

12:00 PM - 12:30 PM CDT

Highlighted Posters: Experimental Disease, Industrial and Toxicologic Pathology, and Late-breaking
Session Chair: Joshua Webster, DVM, PhD, DACVP, Genentech, South San Francisco CA

12:30 PM - 1:30 PM CDT

Focused Scientific Poster Session: Experimental Disease, Industrial and Toxicologic Pathology, Late-breaking

1:30 PM - 5:00 PM CDT

ASVCP Mystery Slide Session
Session Chair: Laura C. Cregar, DVM, DACVP, Charles River Laboratories, Mattawan, MI
Tuesday, November 2 (cont.)

1:30 PM - 5:00 PM CDT

**Experimental Disease Focused Scientific Session**
Session Chair: Joshua Webster, DVM, PhD, DACVP, Genentech, South San Francisco CA

*Invited Speaker: Blood-tumor Barrier Pathology: Insights from Preclinical Models*
Tiffany Lyle, DVM, PhD, DACVP, Purdue University, West Lafayette, IN

Proceedings

1:30 PM - 5:00 PM CDT

**Natural Disease Focused Scientific Session II**
Session Chair: Pompei Bolfa, DVM, DACVP, Ross University School of Veterinary Medicine, Basseterre, Saint Kitts and Nevis

5:00 PM - 6:15 PM CDT

**ASVCP Business Meeting**

6:30 PM - 8:00 PM CDT

**ACVP Awards and Recognition Event**
Session Chair: Mark Ackermann, DVM, PhD, DACVP, President