



#### C.L. DAVIS/S.W. THOMPSON DVM FOUNDATION

A tax-exempt, donative, publicly-supported charity For the advancemet of veterinary and comparative pathology

# THE DAVIS-THOMPSON FOUNDATION NEWSLETTER

June

VOL. 55



Which of the following statements about Anisakis simplex is correct?

A. It is a protozoan parasite responsible for oyster mortality on Prince Edward Island

- B. It causes MSX disease in American oysters (Crassostrea virginica)
- C. It is a parasitic nematode that can infect humans through the consumption of raw or undercooked seafood
- D. It is a type of bacterium used in aquaculture to prevent parasitic infections

# **INSIDE THIS ISSUE**

#### MONTHLY COVER IMAGE WINNER:

Sawang Kesdangsakonwut (D.V.M., M.Sc., Ph.D., D.T.B.V.P)

Asst Professor Department of Pathology, Faculty of Veterinary Science, Chulalongkorn University, Henri Dunant Road, Pathumwan, Bangkok 10330, THAILAND

#### Answer: C

#### Photo key: Anisakis simplex in a stripped dolphin

#### Submit your image today (images@davisthompsonfoundation.org)!

-Dr. Katherine D. Watson - Cover Image Editor -Dr. M. Donald McGavin - Cover Image Composition Analyst

- **3** Message from the CEO
- 4 Expert's Corner
- **7** JVDI in Focus
- **9** Diagnostic Exercise
- **11** WCVP 2025 review
- **13** CLIIC US
- **14** GHPN Workshop Algeria
- **15** LCPG Histopathology Rounds
- **16** WDA Pathology workshop
- **17** CLIIC UK
- **18** Seminar Series in Spanish
- **19** Just in Time Mock Exams
- **20** Guatemalan Seminar
- **21** Nicaragua GHPN Workshop
- **22** AAZV Zoo & Wildlife Workshop

- **23** AAZV Call for Cases
- **25** European Division Symposium
- **26** ENAPAVE
- **27** Foundations of Pathology
- **28** Racehorse Necropsy Workshop
- **29** AAVLD Pre-Meeting Workshop
- **30** Western Round Robin Case
- **32** Western Round Robin Call
- **33** ASVP CORNER
- **34** IDEXX CaseConnexx Corner
- **35** BSTP Corner
- **37** LCPG Corner
- **48** GHPN Scholarships
- **50** Miscellaneous Announcements

CEO & CHAIRMAN OF THE BOARD FRANCISCO A. UZAL

PRESIDENT

JEY KOEHLER

TREASURER BRUCE H. WILLIAMS

#### ASIN, JAVIER AUTRAN, RACHEL BRAYTON, CORY BRICE, ANGELA BRITT, JAMES CARREIRA, VINICIUS CARVALLO, FRANCISCO CHAPMAN, JENNIFER CORBIN, EMILY CRAIG, LINDEN DARK, MICHAEL

DE NEGRI, RAFAELA DEL PIERO, FABIO DOLENSEK, TAMARA FIDDES, KELSEY GENDRON-FITZPATRICK, ANNETTE JEONG, KYU-SHIK LANGOHR, INGEBORG LOMBARDINI, ERIC LYLE, TIFFANY MCINNES, ELIZABETH MCNAMARA, TRACEY S. MÍRA, MÁNDOKI OJOK, LONZY PESAVENTO, PATTY PRIESTNALL, SIMON RAC, VLADISLAVA S. ROSS, TONY SLAOUI, MOHAMED STROMBERG, PAUL ZADOK, RUBEN

# **MESSAGE FROM THE CEO**

Dear colleagues

Welcome to the June issue of the Davis-Thompson Foundation newsletter, with the compliments of our outstanding Managing Editors, Javier Asin and Jeann Leal. Thank you, Javier and Jeann!

Please peruse these pages to find a very large number of training opportunities around the world. Just to mention a few, CLIIC is starting next week and Just in Time Mock exams is coming soon. More information about these, and many more training events is available at: https://davisthompsonfoundation.org/events-calendar/

Roger Kelly, University of Queensland, Australia, continues generously sharing his enormous expertise, and this month he sent us another a great article for our Expert's corner on collection and submission of skin specimens for histopathology. Thank you again, Roger!!!

Something new this year will be a Latin Comparative Pathology Group (LCPG; the Latin American Division of the DTF) session at the annual meeting of AAVLD, which we hope will become a permanent feature of that meeting. This year, the session will be on screwworm, a disease that is moving north at a fast pace and threatens to enter the US soon. If you are attending the AAVLD meeting, join us for this inaugural great session. And of course, the traditional LCPG session at the annual meeting of ACVP has already been scheduled.

And at risk of repeating myself, I am closing my message by thanking our wonderful volunteers from all over the world. As we have said it before: nothing of what we do would be possible without your selfless dedication! Thank you!

Warm regards,

Francisco (Paco) Uzal Chief Executive Officer Davis-Thompson Foundation



### **EXPERT'S CORNER**

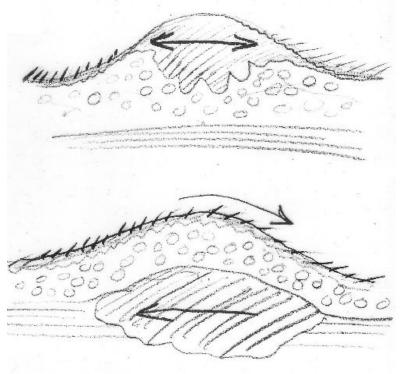
### NOTES FOR SUBMITTERS OF SKIN PATHOLOGY SPECIMENS

BY ROGER KELLY University of Queensland Veterinary School, Brisbane, Australia (retired)

Species, breed, sex, age, duration of changes, clinical signs, treatments... histories are so important. Distribution of changes (a sketch is useful).

Does it move with skin, independent of underlying structures?

Or does it fix the skin to underlying tissues?



Did you try to get it all out? If you didn't, there's no point in the pathologist sweating on the surgical margins, is there?

If you did try to get it all out, did you submit the whole excision? Or only part of it?

If the latter, then again the pathologist can't give an opinion on completeness of excision.

### **EXPERT'S CORNER**

### **SKIN PREPARATION**

Dry clip with scissors or electric clippers (don't shave)

Disinfect with alcohol-based fluid and gentle swabbing. Blot or blow dry

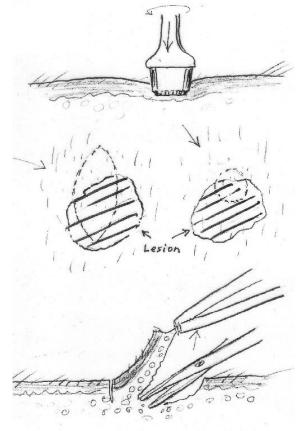
### INSTRUMENTATION

Biopsy punch/trephine

Scalpel

With either method, if complete excision is not attempted, try to include the edge of the lesion (its junction with normal skin)

Removal with minimum of crush trauma, to avoid histological crush artefact.



Use toothed forceps to hold unimportant components of the specimen; likewise, use scissors only to separate loose tissues.

### **EXPERT'S CORNER**

### SUBMISSION OF SPECIMEN

Is a fresh specimen needed for microbiology? Take it now.

Do you want to hone your cytology skills? Now's the time to cut a fresh surface through the lesion (without completely bisecting it) and scrape for cells, or make impression smears.

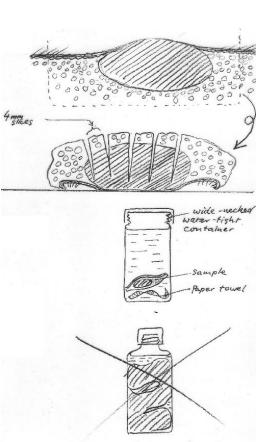
Ensure that the fixative can reach all the tissue, so slice a bulky mass as shown, again without cutting it into separate pieces. 4mm slices fix nice and fast.

Don't forget to make your cytology smears now; it's too late after contact with formalin

The ratio of volumes of sample to 10% buffered formalin needed is 10:1 – easy to remember.

Use a wide-mouthed watertight container, and use a piece of paper towel to prevent the tissue sticking to the container wall.

Your relationship with your pathologist will never recover if you submit your specimen in a container that must be broken to extract the (inadequately-fixed) tissue.



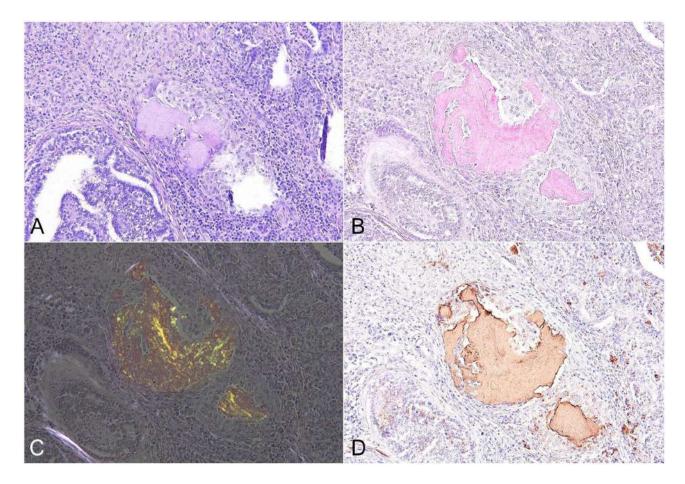


Our June focus is an article appearing in the July issue: **"Characterization of amyloid deposits in canine mammary neoplasms "** by Yuka Kato, Natsumi Kobayashi, Susumu Iwaide, Shumpei Hisamoto, Satoshi Koyama, Yoshiyuki Itoh, Miki Hisada, Noboru Machida, Kohji Nomura, and Tomoaki Murakami

J Vet Diagn Invest 2025;37(3); https://journals.sagepub.com/doi/full/10.1177/10406387251328323

Mammary tumor-associated amyloidosis in dogs has been reported in several studies, but its incidence and predisposing conditions have not been investigated. We examined 252 mammary masses from 183 dogs to determine the prevalence of amyloid deposition and elucidate etiologic factors. Histologically, amyloid deposition was observed in 88 of 252 (35%) mammary masses. Amyloid deposition patterns were categorized into 3 types: stromal deposition (ST), deposition in corpora amylacea (CA), and precipitation within luminal secretions (PR). Of the 88 amyloid deposition cases, 49 were intra-tumoral, especially for ST-type amyloid deposits, which were all intra-tumoral. Immunohistochemistry and mass spectrometry revealed that ST-type amyloid deposits were positive for either serum amyloid A or  $\alpha$ -S1-casein, depending on the sample; all CA- and PR-type amyloid deposits were positive for α-S1-casein. Statistically, intra-tumoral ST-type amyloid deposition was significantly more frequent in histologic grade II (p=0.009) or III (p<0.001) mammary tumors. In contrast, amyloid deposition in extra-tumoral tissues is significantly associated with aging (p=0.002). Our findings suggest that the disruption of proteostasis in the canine mammary gland associated with tumorigenesis and aging can readily induce amyloid formation.

# **JVDI IN FOCUS**



**Figure 2.** Histologic features of stromal  $\alpha$ -S1-casein–derived amyloid deposits. Amyloid deposits were observed as **A**. eosinophilic amorphous materials in the interstitium by H&E staining, **B**. weakly congophilic, **C**. birefringent under polarized light, and **D**. positive for  $\alpha$ -S1-casein by immunohistochemistry.



The Journal of Veterinary Diagnostic Investigation is the official journal of the American Association of Veterinary Laboratory Diagnosticians. The mission of the Journal is to educate by informing readers of progress in veterinary laboratory medicine and related fields of endeavor. The key objectives of the JVDI are to promote the science of veterinary laboratory medicine and the betterment of animal and public health. JVDI fully supports diversity, equity, and inclusion in our publishing activities.

Editor-in-chief, Dr. Grant Maxie / https://journals.sagepub.com/home/VDI



### Case #: 259; Month: April; Year: 2025

#### Contributors: Erin Schwalbe, Matias Dorsch, and Jose Cesar Menk\*.

Department of Pathobiological Sciences and Louisiana Animal Disease Diagnostic Laboratory, Louisiana State University School of Veterinary Medicine, Baton Rouge, LA.

#### Corresponding author: cmenk2@lsu.edu

**History:** A 3-year-old, female, Plott hound dog had a history of severe fascial pruritus, swelling, and drooling. The week prior, this dog and three other dog hunted feral hogs. At the time this dog was submitted for necropsy at the Louisiana Animal Disease Diagnostics Laboratory (LSU Diagnostics), the two other dogs had already died.

**Necropsy findings:** On the left frontal and temporal regions of the head and extending down to the maxillary region, there were coalescing alopecic, dark red, irregular areas measuring up to  $12 \times 5 \text{ cm}$  (Fig. 1). The subcutis within these regions and adjacent areas including the left submandibular and ventral cervical regions was expanded by edema and hemorrhage. The tonsils were mildly enlarged.







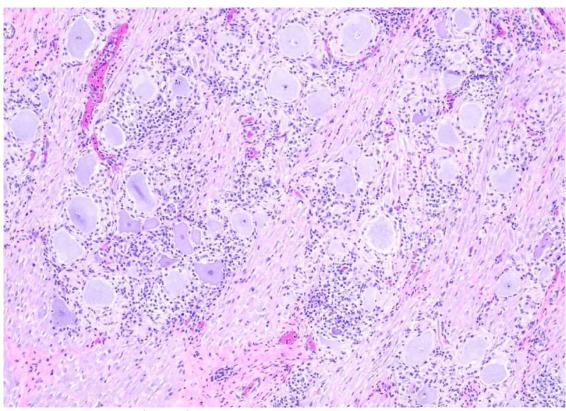


Figure 2: Trigeminal ganglion.

### Follow-up questions:

- Morphologic diagnosis
- Etiology
- Name the disease

### Click here for answers

# Associate Editor for this Diagnostic Exercise: Daniel Rissi Editor-in-chief: Claudio Barros

\*The Diagnostic Exercises are an initiative of the Latin Comparative Pathology Group (LCPG), the Latin American subdivision of The Davis-Thompson Foundation. These exercises are contributed by members and non-members from any country of residence. Consider submitting an exercise! A final document containing this material with answers and a brief discussion will be posted on the CL Davis website (https://davisthompsonfoundation.org/diagnostic-exercise/).

### WCVP 2025 REVIEW

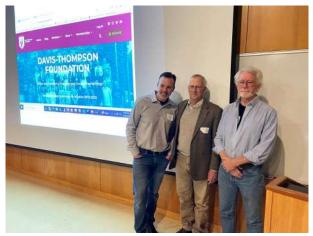
### West Coast Veterinary Pathology Conference 2025: A Celebration of Reproductive Pathology and Community

#### by Dr Kevin Keel

The 42<sup>nd</sup> Annual West Coast Veterinary Pathology Conference (WCVPC) was held from May 2 to May 3, 2025, on the campus of the UC Davis School of Veterinary Medicine. This long-standing event brought together 73 attendees from as far away as the University of Georgia for two days of excellent presentations

centered on the theme of reproductive pathology.

Three invited speakers offered keynote lectures that reflected the theme's breadth and depth. Dr. Al Conley (UC Davis) opened with "Sex is Just a Phenotype," offering fresh insights into what is known, and what is still unknown, about sexual differentiation. Dr. Dalen Agnew (Michigan State University) spoke on



Drs. Vidal, Agnew, & Conley

the role of reproductive pathology in the conservation and management of species of special interest. The final invited speaker was Dr. Justin Vidal (Charles River Laboratories), who delivered his talk, "Evaluation of the Male Reproductive System in Drug Safety Testing" to a very appreciative audience. It was an excellent, detailed review of lesions in the seminiferous tubules and epididymis that may be encountered during drug testing.

A poster session was a new addition to the conference, and it was well received by conference participants. The poster session was held Friday evening during the social and dinner. A student poster competition was held with prizes awarded for the best poster and the runner-up. Katie Wall, a UC Davis veterinary student, got the first prize for her poster on urogenital carcinomas in California

## WCVP 2025 REVIEW

sea lions. The runner up was Hunter Sapienza, who presented a poster on the diagnosis of ovarian teratoma in a dog. Hunter is also a veterinary student at UC Davis.

The conference featured 36 oral case presentations, including submissions from faculty, residents, graduate students, and veterinary students at institutions such as UC Davis, Stanford, Oregon State, and Washington State University. Cases covered a wide variety of species, from koi and alpaca to gorilla and sturgeon, underscoring the diverse interests and expertise of our participants.

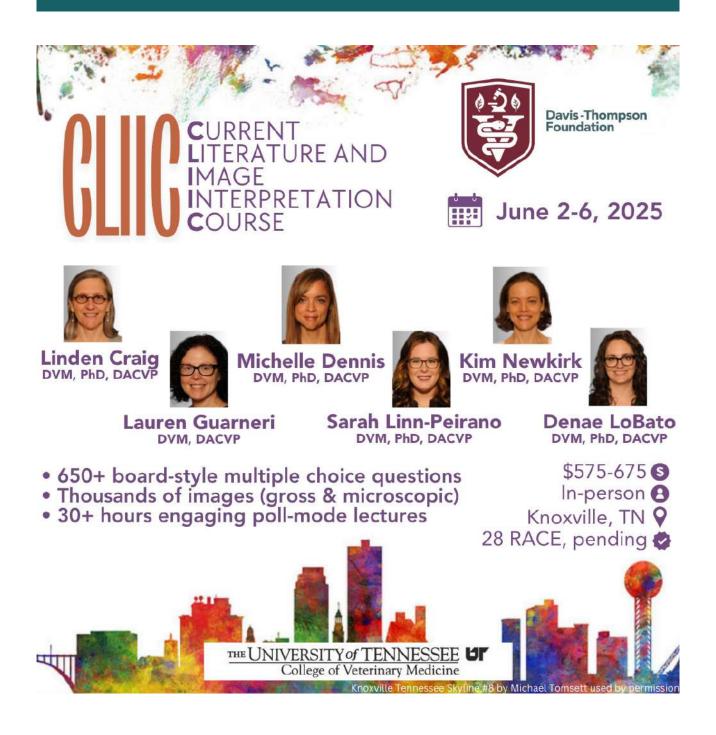
The topic of the 43<sup>rd</sup> WCVPC will be developmental pathology. It is scheduled for May 1 through May 2, 2026, and we are already lining up some excellent speakers. So, mark your calendars now and start getting good recuts of cases to present at the conference! The slides will be scanned and distributed in advance of the conference so that you can review the cases and test your diagnostic skills. Dr. Eileen Henderson, of the California Animal Health and Food Safety Laboratory, will assume the role of conference coordinator for 2026. We thank all the presenters, speakers, and volunteers who made this event a

success, and we look forward to another great year in 2026!



Conference participants

### **CLIIC US**



## **GHPN WORKSHOP ALGERIA**

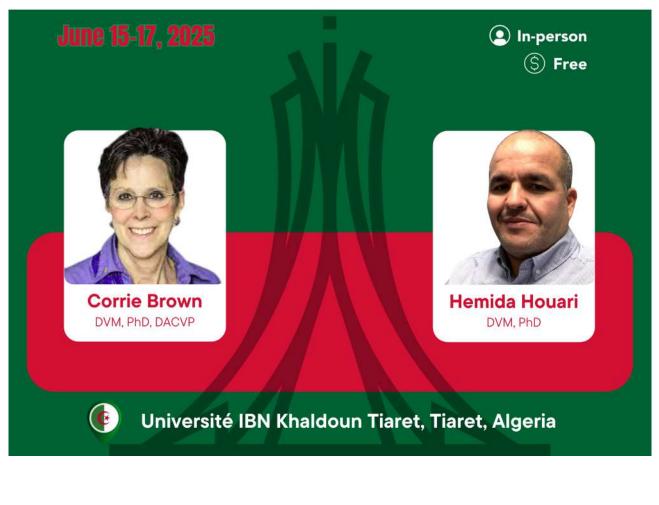


Davis - Thompson Foundation



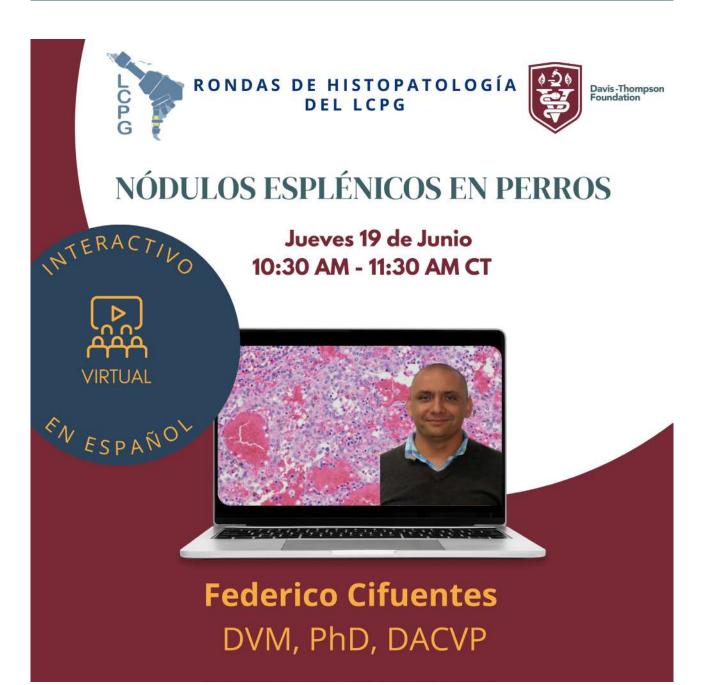


### GHPN Workshop on Basic Mechanisms of Disease and Diseases of Regional Interest



Click here for more information

# LCPG HISTOPATHOLOGY ROUNDS



### WDA PATHOLOGY WORKSHOP



# **CLIIC UK**



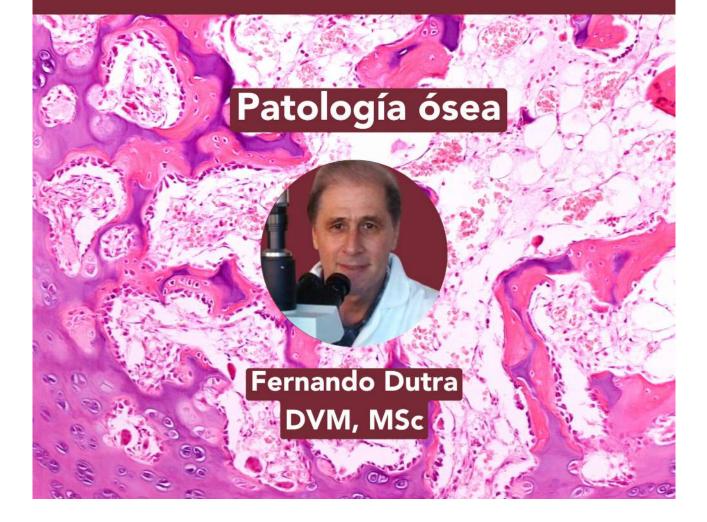
## **SEMINAR SERIES IN SPANISH**



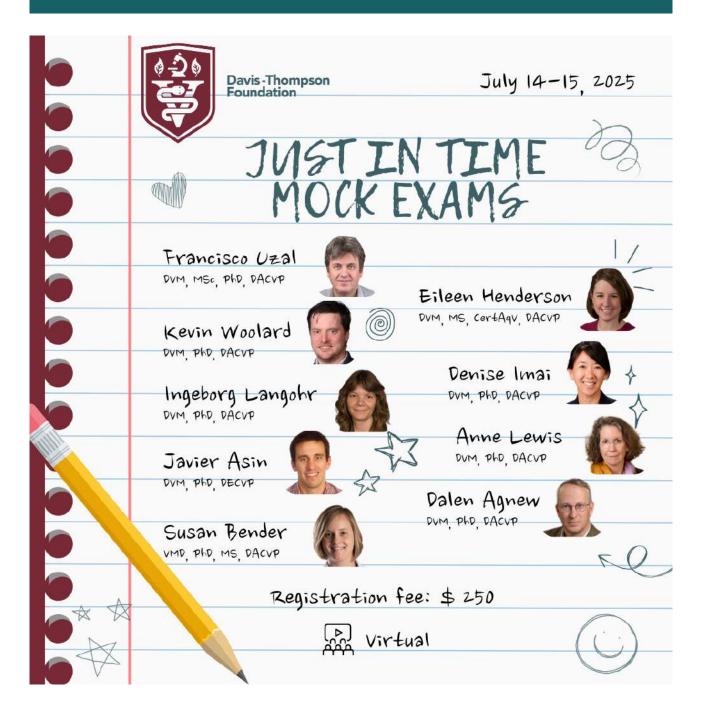
Davis - Thompson Foundation



Seminar Series in Spanish 2025 Jueves, 3 de Julio, 2025 11:00am-12:30pm CDT



# JUST IN TIME MOCK EXAMS



# **GUATEMALAN SEMINAR**



Davis-Thompson Foundation





### IV SEMINARIO GUATEMALTECO DE PATOLOGÍA VETERINARIA DE LA FUNDACIÓN DAVIS-THOMPSON

### Patología Macroscópica de Rumiantes



Click here for more information

### **NICARAGUA GHPN WORKSHOP & SEMINAR**



More information will be available in the website soon

### **AAZV ZOO & WILDLIFE WORKSHOP**



# AAZV CALL FOR CASES

American Association of Zoo Veterinarians,32<sup>nd</sup> Annual, Zoo & Wildlife Pathology Workshop 2025 Co-sponsored by the Davis-Thompson Foundation

This all day, in person workshop will be held on <u>Sunday, 24 August 2025</u> <u>from 8:00 AM to 5:00 PM Central time</u>, in association with the annual meeting of the American Association of Zoo Veterinarians in Kansas City, Mo, USA.

This eight-hour workshop brings together zoo veterinarians and pathologists for a full day of discussion of interesting cases in zoo and wildlife pathology. This year's keynote lecture will be by the noted clinician and wildlife cancer expert, **Dr. Tara Harrison**, professor at North Carolina State University College of Veterinary Medicine. Her keynote presentation is titled "**Collaborating to Conquer Cancer.**" Following the keynote lecture, veterinarians from around the world will present cases throughout an interactive all-day session with an emphasis on neoplasia of zoo, aquarium, and wildlife species.

Got a tumor with an interesting story behind it? Calling for cases that shed light on how cancer impacts our zoo animals and wildlife. As usual we will consider any zoo or wildlife case submissions, even if they do not fit the theme. If you wish to present a case, please email Dr. Rachel Burns (reburns@sdzwa.org) with a brief description (1-2 sentences) of the case by 1 June 2025. Those applicants with chosen cases will be notified by email by the following week.

#### **INSTRUCTIONS FOR CASES SELECTED**

1. 5 replicate H&E slides plus 2 unstained are required. If possible, please limit slides to one piece of tissue with the lesion to facilitate Aperio® scanning for digital production. Send by <u>20 July 2025</u> to:

### **AAZV CALL FOR CASES**

Shipping Address (FedEx/UPS):

Rachel Burns, DVM, Dipl. ACVP Disease Investigations, San Diego Zoo 1354 Old Globe Way San Diego, CA, USA 92101

#### Mailing Address (USPS):

Rachel Burns, DVM, Dipl. ACVP Disease Investigations, San Diego Zoo PO Box 120551 San Diego, CA, USA 92112

2. Please prepare your 2 to 3 page write up in Microsoft Word (NOT pdf files) using the following headings on institutional letter head and send via email to Rachel Burns (<u>reburns@sdzwa.org</u>) by <u>20 July 2025</u>:

Page 1. CONTRIBUTOR(S)/INSTITUTION: SIGNALMENT: HISTORY: GROSS FINDINGS:

**Page 2 and 3.** HISTOPATHOLOGIC AND CLINICAL PATHOLOGY FINDINGS: MORPHOLOGIC/ETIOLOGIC DIAGNOSIS: DISCUSSION: REFERENCES: ACKNOWLEDGMENTS

The syllabus and scanned slides from the case write-ups should be available at least one week prior to the workshop and can be downloaded from the <u>Da-vis-Thompson Foundation website</u> at: <u>https://davisthompsonfoundation.org/</u> available-slide-conferences/

\*If you need inspiration, also note that case material from 15 previous workshops are available for viewing at this site!

Workshop registration includes access to images and case information. All participants must register for this course. Remember that you are welcome to attend the Workshop even if you have not submitted a case.

# **EUROPEAN DIVISION SYMPOSIUM**



### **ENAPAVE**



### FOUNDATIONS OF PATHOLOGY



### **RACEHORSE NECROPSY WORKSHOP**



### **AAVLD PRE-MEETING WORKSHOP**



# WESTERN ROUND ROBIN CASE

#### CONTRIBUTING LABORATORY:

### North Dakota State University - Veterinary Diagnostic Laboratory

#### Signalment and history:

A 2-year-old, female Albino Boa Constrictor is presented for necropsy at NDSU VDL. The client has lost 6 other boa constrictors (all less than 2 years of age).

#### **Gross Findings:**

The animal weighs 0.6 kg and has a slim body condition score with a slim, slightly wrinkled neck and visible spine. The animal is 109 cm long from nose to the tip of the tail. The oral cavity has a large amount of thick, clear, viscous fluid. Throughout the esophagus and stomach is a similar consistency of fluid. Within the distal esophagus and stomach are multiple, dark red, flat foci. There are no other significant lesions found on gross examination.

#### **Histology**:

Liver: In hepatocytes and bile epithelium there are one to numerous, 3-10 micron, intracytoplasmic, brightly eosinophilic inclusion bodies. Scattered throughout are random, degenerate and necrotic hepatocytes. There are increased numbers of eosinophils, heterophils, and lymphocytes within the sinusoids.

Stomach: There are similar intracytoplasmic inclusion bodies scattered throughout the epithelial cells of the mucosa.

#### **Diagnosis:**

Liver and stomach: eosinophilic intracytoplasmic inclusion bodies

#### Condition

Boid inclusion body disease

#### **Comments:**

Both the liver and stomach have similar intracytoplasmic, brightly eosinophilic inclusion bodies that are consistent with boid inclusion body disease (IBD). These viral inclusions were observed in other tissues not submitted (kidney, esophagus, nasal mucosa, and neurons). This disease is caused by an arenavirus that is transmissible and progressively fatal. This disease is almost exclusive to captive boids (boas and

# WESTERN ROUND ROBIN CASE

pythons), but does present differently in each species. In pythons, this disease most commonly has a rapid progression with neurological signs, and inclusion bodies only observed in the central nervous system (CNS). In boids, IBD has a more chronic manifestation and inclusion bodies are observed in multiple organs, as seen in this case.

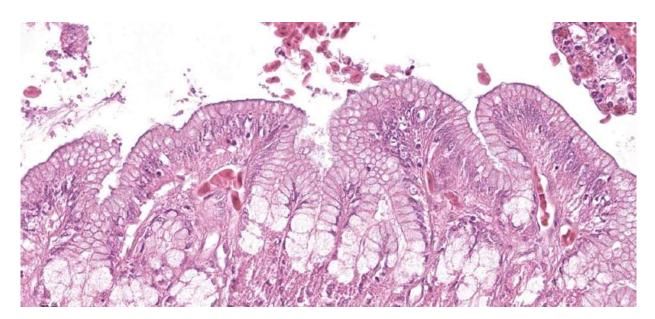
Secondary bacterial diseases are frequently encountered in the heart, esophagus, and surrounding the thyroid. In boids, common clinical findings include chronic regurgitation, and central nervous system abnormalities. There is no treatment. This is the most likely diagnosis for the boids that had previously passed away (per submission form).

#### **Contributor:**

Quynn Steichen, DVM, MSc, DACVP and Brett Webb, DVM, PhD, DACVP

#### **References:**

Terio, Karen A., Denise McAloose, and Judy St. Leger, eds. 2017. Pathology of Wildlife and Zoo Animals. San Diego, CA: Academic Press



Click here to see this slide in Noah's slidebox

### WESTERN ROUND ROBIN CALL

Are you interested in participating in the next round of Western Round Robin?

Western Round Robin is a slide conference that has occurred annually for 30+ years.

In 2023, the conference transitioned to a digital format and the slides are uploaded to Noah's slidebox. Each participating laboratory sends a set of 4 cases with write-ups in November. Each month, a case is featured in the Davis-Thompson Foundation newsletter.

The slide seminar has a new coordinator: Dr Nicolas Streitenberger (UC Davis), and we are already organizing the next round of submissions. If your laboratory is interested in participating, please contact Dr Streitenberger (streitenberger@ucdavis.edu) for details.





NOAH'S SLIDEBOX

# **ASVP CORNER**

# 2025 ASVP & DTF SCIENTIFIC CONFERENCE THE HAEMATOLYMPHOID SYSTEM



### DOROTHEE BIENZLE

Keynote Speaker Professor Emeritus Guelph University



CLAIRE CANNON

Invited Speaker Specialist Oncologist The University of Melbourne



GARY LEE

Invited Speaker Clinical & Anatomic Pathologist IDEXX Laboratories



### JOHN MACKIE

Invited Speaker Specialist Pathologist QML Vetnostics

#### PHILLIP CARTER

Invited Speaker District Vet Local Land Services North Coast

# **REGISTER NOW** 17-19 OCTOBER, 2025 RYDGES SOUTHBANK TOWNSVILLE, QLD

www.asvp.asn.au/2025conference





Davis -Thompsor Foundation

# **IDEXX CASECONNEXX CORNER**

#### Signalment: 10-year-old, male, neutered, Chihuahua dog

**Source/ History:** Pigmented dermal pedunculated mass on ventral abdomen that was present for years with slow growth. Bleeds occasionally.

1.

#### Histopathologic Description:

Haired skin, ventral abdomen: Arising as an exophytic pedunculated mass projecting from the superficial dermis and epidermis, there is a moderately well demarcated, unencapsulated, proliferative population of epithelial cells forming numerous, haphazardly arranged bilayered tubules, thin and deeply pigmented trabeculae and cords, and small, keratin-filled, stratified squamous epitheliumlined cysts amongst a loose fibromyxoid stroma. The proliferative epithelium is continuous with the overlying epidermis. Occasionally, scattered individual cells throughout the proliferative epithelium contain clear discrete intracytoplasmic vacuoles. The proliferative epithelial cells frequently contain intracytoplasmic melanin pigment, and there are small clusters of melanomacrophages scattered throughout the surrounding dermal connective tissues.

#### Interpretation:

Haired skin, ventral abdomen: Teat sinus and duct adenomatous hyperplasia

#### Comments:

Histopathology of this ventral abdominal mass is consistent with adenomatous hyperplasia arising from the teat duct/sinus. Teat sinus and duct adenomatous hyperplasia is a recently described uncommon, benign lesion of the nipple that occurs in both female and male dogs, most commonly in smaller breeds (Schulman et al., 2022). One or multiple nipples can be affected and, clinically, these lesions appear as pink to black, flattened to round or pedunculated, sometimes crusted lesions. Complete excision is typically curative.

Reference: Schulman et al., (2022). Vet Path 59(2):256-263

Figure 1. The teat is expanded by haphazardly arranged bilayered tubules, thin and pigmented trabeculae and cords, and small, keratinfilled, stratified squamous epithelium-lined cysts Figure 2. Higher magnification view of the features described in Figure 1. Figure 3. Bilayered ductular structures are contiguous with the epidermis. Cells frequently contain melanin pigment and rarely contain clear intracytoplasmic vacuoles.

Case by: Luke Haydock BVSc (Dist.) DVSc DACVP





### **BSTP CORNER**

#### **BRITISH SOCIETY OF TOXICOLOGICAL PATHOLOGY**

#### **Notice of Future Meetings**

Virtual Continuing Education Symposium 12: Cardiovascular System 1st – 10th July 2025 Tuesday, Wednesday and Thursday 13.00 – 17.00 (GMT+1, London/UCT+1)



CES 12 will be held over two weeks – on the afternoons of Tuesday 1st, Wednesday 2nd, Thursday 3rd, Tuesday 8th, Wednesday 9th and Thursday 10th July 2025, from 13.00 – 17.00 (GMT+1, London/UCT+1) each day.

Approved by the Royal Society of Biology for the purposes of CPD, this event may be counted as approximately 63 credits. Approximately 21 hours of educational activity will be recorded on Attendance Certificates.

#### BSTP CES 12: Cardiovascular System - REGISTRATION IS NOW OPEN!

**Exciting News!** One of the six afternoons of CES 12 will be entirely dedicated to Clinical Pathology, and the BSTP is offering a single-day registration for this specific day. Wednesday 9th July 2025 is perfect for colleagues interested in clinical pathology who prefer not to attend the full symposium. Join us for a day of focused clinical pathology learning delivered by Dr Laura Boone! Attendance to the clinical pathology day is, of course, included in the full symposium registration.

#### Reduced rates for early career pathologists and free place bursaries are available.

For more information or to register visit: https://www.bstp.org.uk/events/ces-12-cardiovascular-system/

If you have any queries, please contact the event organiser: Hg3 Conferences Ltd – events@hg3.co.uk

2nd Joint Congress of the BSTP and ESTP Manchester, UK 23rd – 26th September 2025

The British Society of Toxicologic Pathology (BSTP) and the European Society of Toxicologic Pathology (ESTP) are pleased to invite you to the 2nd Joint ESTP/BSTP Toxicologic Pathology Congress entitled 'Carcinogenicity in the 21st Century; challenges of new methodologies, strategies, and their impact on pathologists'.

#### REGISTRATION IS NOW OPEN - Take advantage of the Early Bird Fee and register before 23rd June 2025!

The program will include new methodologies and alternatives for the assessment of carcinogenicity testing of agrochemical and pharmaceuticals, predicting carcinogenetic potential of compounds at early stages, carcinogenicity assessment of new modality drugs, risk assessment and human relevance of neoplastic and non-neoplastic findings in carcinogenicity studies, and guidelines through plenary lectures, oral presentations of original scientific work, interactive case presentations, and poster session.

In conjunction, an IATP symposium and ESTP expert workshop (Female Reproductive System) will take place immediately before and after the congress, respectively.

The social program will include the welcome reception (23rd September 2025) and congress dinner (25th September 2025). During this event help us celebrate the 40th anniversary of the BSTP – 1985 – 2025!

To register and for up-to-date information keep checking – https://www.bstp.org.uk/events/2nd-joint-congress-of-the-bstp-and-estp/ or https://www.esvp-ecvp-estp-congress.eu/estp\_congress

If you have any queries, please contact the congress secretariat: Partners in Congress Organisation – <u>m.kostons@pcopartners.nl</u>

### **BSTP CORNER**

#### **BSTP Webinars**

Registration to take part in BSTP webinars is free with the login details provided at least one week prior to the date of the webinar.

STP/BSTP Webinars: Dates for webinars in 2025 will be available in due course. IATP/BSTP Webinar: Dates for webinars in 2025 will be available in due course. ESTP/SFPT/BSTP and ECVP/ESVP\* Webinars: \*Sponsored by the ESTP, SFTP, BSTP and NVT: Dates for webinars in 2025 will be available in due course.

Keep checking the BSTP website for up to date information - BSTP website and also the group LinkedIn page

#### **Non-BSTP Events**

If you are interested in attending any events organised by other organisations visit – <a href="https://www.bstp.org.uk/non-bstp-events/">https://www.bstp.org.uk/non-bstp-events/</a>

If you would like details of any other events including on the BSTP website or publicising in the next 'Diary Dates' email, please send the information to the BSTP Secretariat – <u>bstpsecretariat@gmail.com</u>

Future BSTP events are due to take place as follows:

1st – 10th July 2025	CES 12 - Cardiovascular System
23rd – 26th September 2025	2nd Joint Congress of the BSTP and ESTP

November 2025	40th Annual General Meeting
March 2026	CES 13 - Lymphoid & Haematopoietic Systems
July 2026	CES 14 - Musculoskeletal System & Skin
November 2026	41st Annual Scientific Meeting & Annual General Meeting

The order of the CES will depend on the availability of high-quality speakers who are world experts in their particular field to present at the relevant meeting. Details of future meetings are correct at the time this booklet is generated, the BSTP will not be held responsible for any changes to dates, topics and venues of these meetings.

For up-to-date information on any events organised by the BSTP, please check the website – <a href="https://www.bstp.org.uk/bstp-events/">https://www.bstp.org.uk/bstp-events/</a> or <a href="https://www.bstp.org.uk/events/bstp-webinars-and-podcasts/">https://www.bstp.org.uk/bstp-events/</a> or <a href="https://www.bstp.org.uk/events/bstp-webinars-and-podcasts/">https://www.bstp.org.uk/events/</a> or <a href="https://www.bstp.org">https://www.bstp.org</a> or <a href="https://www.b

#### **BSTP Contact Details**

#### BSTP | PO Box 819 | Harrogate HG1 9XF | North Yorkshire | UK

Tel: 07894 123 533

Email: bstpsecretariat@gmail.com

Website: https://www.bstp.org.uk

LinkedIn: British Society of Toxicological Pathology

Registered Charity No: 1043793

#### **CALENDAR OF ACTIVITIES IN LATINAMERICA**

Country	City	Event	Speaker	Subject	Date	Organizer
Argentina	Córdoba	XIV Reunión Argentina de Patología Veterinaria	Don Meuten, Verena Affolter, Claudio Barbeito, Juan Micheloud, Francisco Uzal, others.	Multiple	Sept 24-26	Renata Brizzio
Brazil	Cuiabá (Mato Grosso)	ENAPAVE	Amy Durham	Hematopoietic pathology	Sept 9-12	Renato de Lima Santos
	Sao Paulo	IV Annual Latin American Roadshow	Brian Murphy	Oral and skeletal pathology	Nov 20-21	Renee Amorim
Chile	Santiago	IV Annual Latin American Roadshow	Brian Murphy	Oral and skeletal pathology	Nov 17-18	Federico Cifuentes
Colombia	TBD	TBD	Raquel Rech	Neuropathology	TBD	Paola Barato
Costa Rica	San José	TBD	Carlos González	Forensic pathology	TBD	Juan Diego Hidalgo
Ecuador	Quito	I Ecuatorian Seminar	Francisco A Uzal, Francisco R Carvallo	Multiple	Dec TBD	Francisco Cabrera
Guatemala	Ciudad de Guatemala	IV Guatemalan Seminar	Javier Asin, Melissa Macías	Gross pathology of ruminants	July 17	Deborah Rodríguez
México	Mexico city	IV Annual Latin American Roadshow	Brian Murphy	Oral and skeletal pathology	Nov 24-25	Itzel Yañez
	On line	5 <sup>th</sup> Necropsy Course	Laura Romero, Rubén López, Francisco Carvallo, María del Carmen Carmona, Alfredo Pérez, Diana Galván, Mario Bedolla, Luís García, Elizabeth Rodríguez, Mireya Juárez, Vicente Ávila, Carlos González, Elizabeth Morales, Félix Sánchez	Gross lesions in animals	Ap 20 - May 14	Rubén López
Nicaragua	Managua	Global Health Pathology Network + III meeting of the Nicaraguan division	Javier Asin, Melissa Macias, Francisco Carvallo	Multiple	Jul 21-24	Cristina Toledo
Paraguay	Asunción	TBD	TBD	TBD	TBD	Mirtha Suárez
Perú	Lima	TBD	TBD	Intestinal morphometry	TBD	Rosa Perales
Uruguay	Montevideo	11 <sup>th</sup> Meeting of the Uruguayan Division	Marti Pumarola, Fabiano Sant'Ana	Veterinary Neuropathology	Jun 23-24	Jose Manuel Verdes
Venezuela	Barquisimeto	III Annual Meeting of the Venezuelan Division	TBD	TBD	Oct 17-18	Yaritza Salas



Registration for individual sessions is available on the website



Click here to register for individual seminars



**Click here to register** 











18º Seminario de la Fundación Davis-Thompson con la XIV Reunión Argentina de Patología Veterinaria 2025

### Taller de Histopatologia Convocamos a presentar casos interesantes



Fecha de presentacion: 25 de septiembre Fecha final para el envío de casos: 30 de marzo

Envio de casos: fauzal@ucdavis.edu



EN PERSONA UNIVERSIDAD CATOLICA DE CORDOBA, Argentina

### CLOSED



Click here to register



More information will be available on the website soon



LATIN COMPARATIVE **PATHOLOGY GROUP PRESENTS:** 

# **HENFW** SCREWWORM AN UNWELCOME RETURN?



#### **PRESENTER:**

DR. ROGER RAMIREZ BARRIOS, DVM, MS, PHD, DACVM (PARASITOLOGY) DEPARTMENT OF BIOMEDICAL SCIENCES AND PATHOBIOLOGY VIRGINIA MARYLAND COLLEGE OF VETERINARY MEDICINE **VIRGINIA TECH** 

#### Registration is free but required.

**Register Here!** 

Foundation

**Gaylord Rockies Resort & Convention Center** 

> November 1, 2025 7:00 AM-8:00 AM



Davis-Thompson



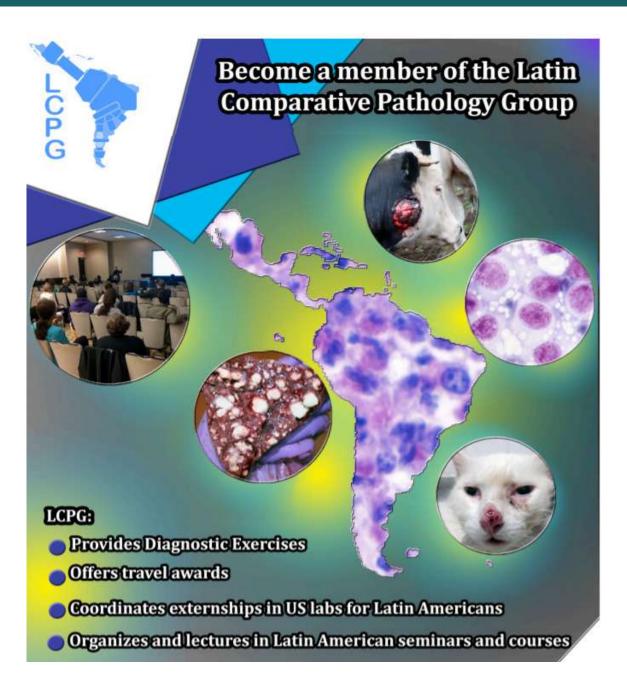
#### SUBMIT YOUR ABSTRACT FOR THE LCPG SESSION AT ACVP!

Every year at the ACVP Annual Meeting, the Latin Comparative Pathology Group (LCPG; Latin-American Subdivision of the Davis Thompson Foundation) presents scientific lectures in English. These sessions provide both educational and networking opportunities to Latin language-speaking pathologists. The sessions are scheduled at 12:00 pm, and consist of two short presentations, each of approximately 10 minutes followed by 5 minutes for questions and answers.

If you are planning to attend the ACVP meeting this year in New Orleans, the LCPG Education Committee would like to invite you to consider speaking at this session at the meeting. If you are interested, please submit an abstract of your proposed presentation along with your Curriculum Vitae by June 27<sup>th</sup>, 2025, to mmaciasrioseco@ ucdavis.edu. The abstracts should be submitted in English and be up to 220 words long. Selected speakers will be announced by email.

Please be aware that, because the LCPG and the ACVP are non-profit organizations, we will not be able to provide any reimbursement for travel, accommodation expenses or honorarium to presenters.





Click here for more information about how to become a member

#### Bovine necropsy course held in Colonia, Uruguay by Dr. Federico Giannitti

On May 8, 2025, a necropsy course titled "Necropsy in cattle: A diagnostic tool", was held for 20 veterinary practitioners and master's students in animal health at the Animal Health Research Platform of the National Institute of Agricultural Research (INIA) in La Estanzuela, Colonia, Uruguay. The course was organized by several members of the Latin Comparative Pathology Group (LCPG), including Federico Giannitti, Caroline da Silva Silveira, Mizael Machado, Raissa Moreira de Moraes, and Darío Caffarena. We thank everyone involved for their enthusiastic participation and hope you enjoyed it as much as we did!



### **GHPN SCHOLARSHIPS**



#### DTF-GHPN Education Scholarship For Select DTF On-Line and/or Course Material



**Background.** The Global Health Pathology Network (GHPN), under the umbrella of the Davis-Thompson Foundation (DTF) for Veterinary Pathology, conducts workshops in resource-constrained settings focused on enhancing veterinary diagnostic abilities using interactive educational modalities and adult learning principles. In part, the success of the GHPN training workshops is built on the successes of in-country veterinary pathologists and professionals in various locations worldwide. Consequently, to expand the sphere of the network through the development of capable, motivated professional cadre, the GHPN recognizes the importance of practicing professionals to have the opportunities for continued professional development.

**Objective.** Through GHPN's alignment with the DTF, the DTF will offer up to 10 educational scholarships to attend select DTF on-line courses and/or have access to the course material at no-cost.

#### Application Criteria.

## This scholarship is geared toward professionals without access to traditional residency training programs.

All applicants must prepare a 2-3 paragraph statement (no more than 300 words) addressing the following:

- Biographical information to include current work or academic history;
- Reason(s) for applying for the DTF educational scholarship;
- If awarded, the applicant's willingness to host a future GHPN workshop in his/her country.

### **GHPN SCHOLARSHIPS**

Selection procedures and policies. GHPN leadership will screen all applications and submit the qualified applicants to the DTF for recommendation and final approval. Scholarship selection is based on the assessment of the applicant's statement and will be determined based on several factors to include relevant background, aptitude, training and mentorship abilities in veterinary pathology and animal health. The applicant's current location of employment and/or training will also be considered to ensure equitable distribution of scholarship opportunities in the given year. Applicants should send applications 30-60 days prior to the beginning of the course to allow for adequate review of the application. A list of upcoming and/or recurring select courses can be found under "Events" tab on the DTF website: https:// davisthompsonfoundation.org/

#### **Application Procedures Questions and Answers:**

- Q: Where and when are applications available/due?
- A: Open registration; applications can be received at any time
- Q: Where should applications be sent?
- A: A signed PDF or word document paragraph statements are sent to GH-PathNetwork@gmail.com
- Q: What additional information/documents must accompany the application?
- A: None; the signed paragraph statement is the only item required
- Q: How and when will the scholarship award winners be notified?
- **A:** Award winners will be notified via electronic correspondence sent to the email address in the paragraph statement
- **Q:** When can the educational scholarships to attend select DTF on-line courses and/or have access to the course material be used?
- **A:** Once awarded, the scholarship can be used at any time over a 365 day period from the date at which the scholarship is awarded.
- Any additional questions regarding the DTF-GHPN educational scholarships and/or the GHPN general can be submitted to GHPathNetwork@gmail.com



STP 44TH ANNUAL SYMPOSIUM Toxicologic Neuropathology: Basics and Beyond Chicago, Illinois, June 22–25, 2025



Dear Colleague,

The <u>Society of Toxicologic Pathology (STP)</u> is seeking to broaden its membership by reaching out to scientists and students (veterinary/residents/graduate) involved or interested in safety assessment, teaching, or research in toxicologic pathology/toxicology and inviting them to join the STP and attend our <u>44th Annual Symposium</u>: <u>Toxicologic Neuropathology</u>: <u>Basics and Beyond</u>, scheduled for **June 22–25**, **2025**, at the **Fairmont Chicago** – **Millennium Park** in **Chicago**, **Illinois**. The symposium promises an exceptional opportunity to engage with leading experts, share insights, and deepen our understanding of critical topics in toxicologic neuropathology.

To help us reach scientists and students at your institution with a variety of backgrounds and research interests, we kindly ask that you post our <u>Annual Symposium</u> (see below) in your departmental newsletter and/or continuing education section of your Website. Alternatively, please forward this information to the appropriate person or provide us with the contact information.

Please note that there are several different opportunities for **students** to apply for monetary awards through the generous Student Awards program. The deadline for most awards is **March 30**. See individual <u>award details</u> for nomination/application and selection processes. Registration fees are waived for active STP student members. Nonmember students who apply by **April 1** for STP student membership (\$35 annual dues) and are approved can also register for free. In addition, *nonmember meeting registrants who apply for membership by July 1 and are accepted will receive complimentary membership for the remainder of* 2025. Please visit <u>www.toxpath.org</u> to apply for membership.

Important Deadlines	Student Awards and Grants (Deadline: March 30)		
<ul> <li>Abstract Submission Deadline: March 30</li> </ul>	( <u>http://www.toxpath.org/am2025/awards.asp</u> )		
Student Awards Application Deadline: March 30	<ul> <li>Student Travel Grants</li> </ul>		
Early Bird Registration Deadline: April 30	<ul> <li>STP Young Investigator Awards</li> </ul>		
	<ul> <li>STP Environmental Toxicologic Pathology SIG</li> </ul>		
	Student Research Award		
	<ul> <li>The Daniel Morton and Laura Dill Morton</li> </ul>		
	Scholarship (Deadline: November 1, 2025)		
	<ul> <li>IATP/STP Charles Capen Trainee Award</li> </ul>		
	(Deadline: November 1, 2025)		

#### For the Web:

SOCIETY OF TOXICOLOGIC PATHOLOGY (STP) 44TH ANNUAL SYMPOSIUM

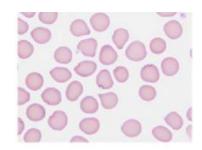
STP cordially invites you to the <u>STP 44th Annual Symposium: Toxicologic Neuropathology: Basics and Beyond</u>, scheduled for June 22–25, 2025, at the Fairmont Chicago – Millennium Park in Chicago, Illinois. The unifying theme of the symposium, "Effective animal-to-human translation in neurotherapeutic development," features five comprehensive sessions, covering topics such as Fundamentals of Neuropathology, Neurodegenerative Diseases, Neurobiomarkers, Neuro-Omics, Hot Topics, Challenges, and Future Directions. Join your colleagues and immerse yourself in a dynamic program with cutting-edge scientific sessions, enriching continuing education courses, and valuable networking opportunities. Please visit the <u>Annual Symposium website</u> for additional information and to review the preliminary program.

Thank you very much.

Best regards, STP Membership Committee

## Have you seen a Pathology Error published in a scientific journal?

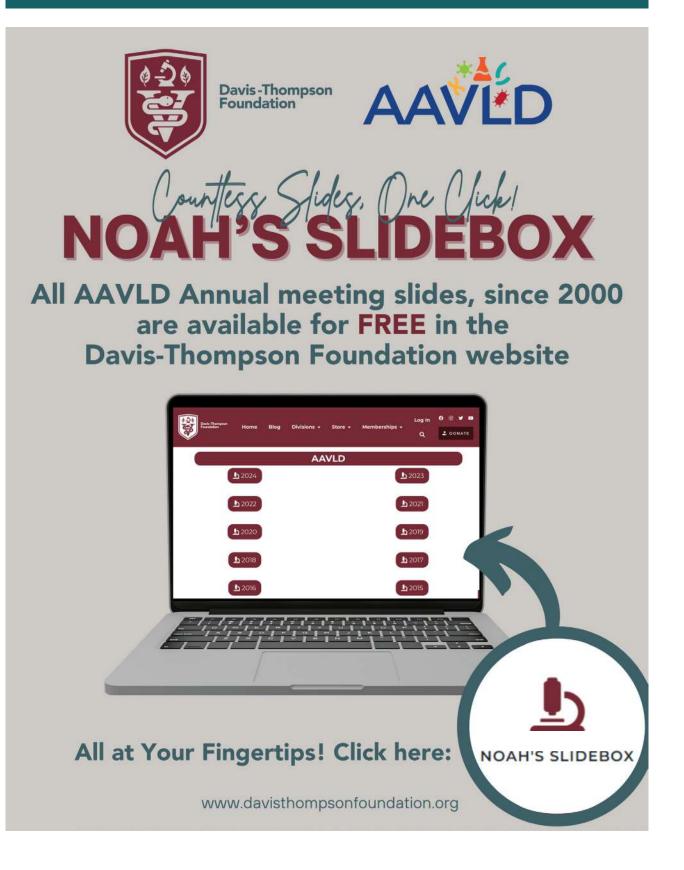
Help us determine the extent of the problem Submit to the ACVP Errors in Publications Web Portal https://www.acvp.org/page/ErrorsinPublication













#### Click here to Get a Digital Download of our e-books!

#### **RETIRING?**

Have slides left over from your recent slide seminar? Just looking to free up some storage space? The Foundation is looking for additional glass slides, kodachromes and other similar materials for its Correspondence Division and Study Centers. All materials should be well identified with as much accompany history and discussion as possible, as these materials are expressly used for teaching. Moreover, as the Foundation is a publicly donative charity, all donated materials are tax-deductible. For more information, please contact Dr. Bruce Williams at **bruce.h.williams.dvm@gmail.com.** 

#### Davis-Thompson Foundation Pathology Externship

Since 1980, the Davis-Thompson Foundation lab sites have hosted more than 125 veterinary students at 8 participating diagnostic laboratories. These students usually have a strong interest in pathology itself or zoo or poultry medicine that require a strong pathology background. The Foundation is always interested in having veterinary students apply for an externship and we would like to add more externship sites that do not usually have veterinary students, to help increase their interest and knowledge of pathology with some offcampus experience. For more information, contact Dr. Jim Britt, **jobritt@sbcglobal.net;** 501-912-1449.



Davis-Thompson Foundation DAVIS-THOMPSON FOUNDATION Phone: 847-367-4359 Fax: 847-247-1869

**JUNE 2025** 

davisthompsonfoundation.org cldavisdvm@comcast.net