

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

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THE DAVIS-THOMPSON FOUNDATION NEWSLETTER

M a y **VOL. 55**



Which of the following is the most common cause of hydronephrosis in dogs?

- A. Chronic kidney failure
- B. Urinary tract obstruction
- C. Diabetes mellitus
- D. Hepatic lipidosis

INSIDE THIS ISSUE

MONTHLY COVER IMAGE WINNER:

Thomas Cecere,

Virginia-Maryland College of Veterinary Medicine

Answer: B

Signalment: 9-month-old spayed female domestic shorthair cat

Diagnosis: Hydronephrosis with suture granuloma encircling the ureter

Pertinent information: The cat was spayed 2 months prior to unilateral nephrectomy

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

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

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DE NEGRI, RAFAELA

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MESSAGE FROM THE CEO

Dear colleagues

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

As usual, you will find in these pages a large number of upcoming training opportunities around the world, in several different languages. In particular, three of our "BIG 4" are coming up and are already announced and/or registration is open: CLASS and POLA, CLIIC (US and UK versions) and Foundations of Pathology. More information about these, and many more training events is available at: https://davisthompsonfoundation.org/events-calendar.

This month we were fortunate to have a great article for our Expert's corner, prepared by Dr Roger Kelly, University of Queensland, Australia. Thank you Roger!!!

Last and not least, my usual enormous Thank you!!! to our fabulous volunteers from all over the world. Nothing of what we do would be possible without your selfless dedication!

Warm regards,

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



EXPERT'S CORNER

A CASE STUDY FOR TUTORS IN TRAINING

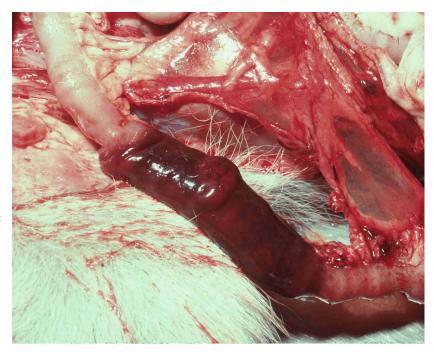
BY ROGER KELLY University of Queensland Veterinary School, Brisbane, Australia (retired)

Specimen from a young adult entire male crossbred dog. It had been hit by a car and had a fractured radius but was conscious and able to walk when taken to an animal shelter. Owners were not found so it was killed humanely and the carcass delivered to a veterinary school for use in a necropsy dissection class. The image depicts a segment of mid-ileum.

After you have described the pathological changes and made a gross diagnosis, imagine you have to explain the appearance and significance of the dark red bowel segment to a bunch of junior veterinary undergraduate students. You have a paradox on your hands...

Description: Several centimeters of mesentery have been torn from the small intestine. The middle of the corresponding intestinal segment is dark red and is moderately dilated. The serosa of adjacent bowel is petechiated and there is some haemorrhage associated with the mesenteric tear.

Diagnosis: Small intestinal mesenteric laceration and avulsion; segmental intestinal infarction.



Discussion: The nice thing about this specimen is the opportunity it gives the tutor to explain the pathogenesis of infarction. The challenge for students is to explain how it is that the obvious interruption of blood supply to this bowel segment has resulted in it becoming engarged with blood.

After discussion, the students should understand the dynamics of infarction. Although some blood could enter the intestinal segment from either end, this collateral supply was insufficient to keep the tissue alive. The devitalised blood vessels in the ischaemic tissue were not able to contain the incoming blood, which leaked out into the dying segment. The dilatation is a feature of devitalised intestine. A supplementary question for the youngsters might be: "Describe the inevitable outcome had not euthanasia been performed."

JVDI IN FOCUS



American Association of Veterinary Laboratory Diagnosticians

Our May focus is a review article appearing in the May issue: "Detection of *Mycoplasmopsis (Mycoplasma) bovis* in formalin-fixed, paraffin-embedded bovine lung sections by immunohistochemistry and in situ hybridization" by Matthew Brown, Zackary Laney, Laila Tabatabai, Anna Hassebroek, Kevin Lahmers, Tessa LeCuyer, Francisco A. Uzal, Francisco R. Carvallo.

J Vet Diagn Invest 2025;37(3):448–454. https://journals.sagepub.com/doi/10.1177/10406387251322463

The bovine respiratory disease complex (BRDC) is a multifactorial disease of economic importance in cattle involving viral and bacterial agents and several environmental and host-associated predisposing factors. *Mycoplasmopsis* (*Mycoplasma*) bovis is frequently detected in BRDC cases, but the role of this bacterium in the pathogenesis of BRDC is not completely understood. We explored the utility of routine histopathology and compared immunohistochemistry (IHC) and in situ hybridization (ISH) in pneumonic bovine lung tissue samples for the detection of *M. bovis* infection. Samples were analyzed for *M. bovis* using mycoplasma bacterial culture (screening test), H&E staining, IHC, and ISH. We found that "compatible histologic lesions" are not entirely predictive of the presence of *M. bovis* on culture, IHC, or ISH, and also that there was no statistical difference between IHC and ISH for detecting *M. bovis*. We conclude that IHC and ISH can be used interchangeably to detect *M. bovis* infections in pneumonic bovine lung.

JVDI IN FOCUS

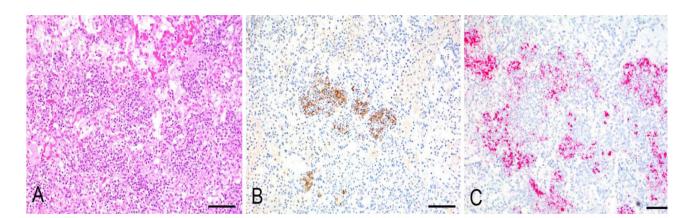


Figure 3. Alveolar detection of *Mycoplasmopsis* (*Mycoplasma*) bovis. **A.** In this area, a dense inflammatory infiltrate in alveoli is composed of neutrophils and macrophages, together with necrotic cellular debris. H&E. **B.** A deeper section of the same topographic area, with the presence of *M. bovis* immunopositivity in alveolar inflammatory cells and free in the alveolar lumens. *M. bovis* immunohistochemistry, diaminobenzidine chromogen, hematoxylin counterstain. **C.** Deeper section of the same topographic area, with a strong signal in inflammatory cells and free in the alveolar lumens. *M. bovis* in situ hybridization, mRNA RED probe amplification kit, hematoxylin counterstain. Bars = 50 μm.



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.



DIAGNOSTIC EXERCISE



Case #: 257; Month: March; Year: 2025

Contributors: Jonathan C Behlen¹, Clinson Lui¹, Sarah White¹, Shannon Reed¹, Travis Mays², Raquel Rech¹.

¹College of Veterinary Medicine and Biomedical Sciences, Texas A&M University, College Station, TX 77843, USA

²Texas A&M Veterinary Medical Diagnostic Laboratory, Texas A&M University, College Station, TX 77843, USA

Corresponding author: rrech@cvm.tamu.edu

History: A 2-year-old male alpaca was presented to the Texas A&M Large Animal Teaching Hospital with bradycardia, arrhythmia, dehydration, severe azotemia (BUN 260 mg/dl, creatinine 14.93 mg/dl), hyperphosphatemia (13.4 mg/dl), hypermagnesemia (3.4 mg/dl), mild hypokalemia (4.0 mg/dl), leukocytosis (32,500/μl) with neutrophilia (28,600/μl), acidemia, and low body condition score. The patient was placed on supportive treatment, but due to poor prognosis, the owner elected for euthanasia.

Gross findings: Both kidneys were mottled pale tan to red **(Fig 1)**. On cut surface, the cortices were pale and contained linear white areas **(Fig 2)**.

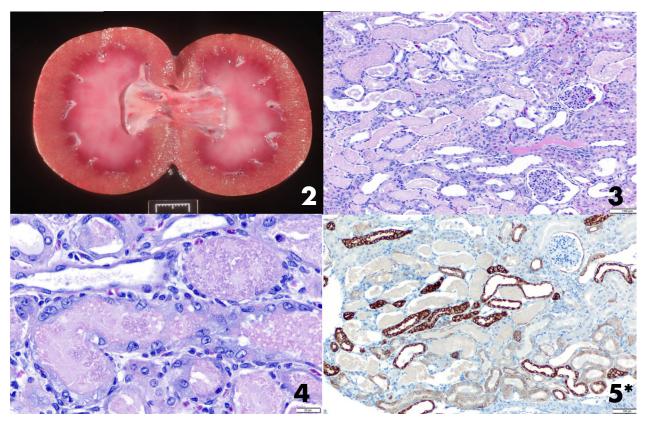


^{*}The Diagnostic Exercises are an initiative of the Latin Comparative Pathology Group (LCPG), the Latin American subdivision of The Davis-Thompson Foundation. These exercises are contributed by members and non-members from any country of residence. Consider submitting an exercise! A final document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



DIAGNOSTIC EXERCISE





*Immunohistochemistry for Pancytokeratin

Follow-up questions:

- Microscopic description
- Morphologic diagnosis
- Potential cause(s)?

Associate Editor for this Diagnostic Exercise: Raquel Rech

Editor-in-chief: Claudio Barros

Click here for answers

AUSTRALIAN DESCRIPTIVE VET PATH COURSE REVIEW

Australia Descriptive Veterinary Pathology course March 31 - April 4, 2025

by Dr Jey Koehler

The Australia Descriptive Veterinary Pathology course was held at Taronga Zoo in Sydney on March 31-April 4, 2025. This marked the first time in six years that we had held this course in person in beautiful Oceania! As always, the zoo was a fantastic venue, and the local organizers Drs. Karrie Rose and Pedro Pinczowski did a magnificent job of handling all the details and making all of us feel so welcomed and appreciated. We limited the participants to 40 and had no trouble filling our quota! Folks came from all over and ranged in experience from clinical veterinarians interested in pathology all the way to practicing pathologists. As always, the first day was dominated by one of the undisputed queens of the necropsy floor, Dr. Linden Craig, who shared great tips on recognizing, interpreting, and describing all those gross findings. She also shared some very practical photography tips and kept everyone on their toes with those polling questions! Dr. Patty Pesavento transitioned us from what's visible with the naked eye to the world of the microscopic wonder with her great macro-micro correlates and sage advice on how to get the absolute most from that 2X "Dos Equis" view (hint: it's A LOT!). Following that, Dr. Jey Koehler delved into the world of microscopic interpretation, helping participants to understand how different the order of operation can be for observation vs. description, how to recognize and prioritize key changes, how to use your time wisely, and most importantly now to Not Waste Words! Dr. Pesavento came back in to go even smaller with the ever-popular ultrastructure content, then presented some great material on best practices for performing and interpreting IHC and ISH. We did some challenging mock histo slides, an eye-opening peer-grading exercise, tried our hand at a boatload of multiple-choice image interpretation questions, learned about how you might encounter histo in the context of a multiple-choice exam, and played

AUSTRALIAN DESCRIPTIVE VET PATH COURSE REVIEW

some "this not that" as we reviewed the histo test answers. There was a truly moving bird show and a behind-the-scenes tour of zoo facilities, complete with dozens and dozens of highly adorable baby turtles being brought back from the brink of extinction by the dedicated multidisciplinary team at the zoo. It was a joy to teach this fantastic group of attendees, and we hope they got something positive from it. In addition to Karrie and Pedro, special thanks goes out to the other folks who facilitated this endeavor in one way or another: Drs. Tony Ross, Allan Kessell, John Mackie, Shane Besier, and ASVP Secretariat Renee Wilson, and of course all the other folks at the zoo who helped in ways both big and small.



Australia Descriptive Veterinary Pathology course. Dr. Koehler presenting a case (upper left); Dr. Koehler, Dr.Craig and Dr. Pesavento at Taronga Zoo (upper right); Dr. Pesavento discussing with attendees (bottom left); Course attendees and speakers (bottom right).

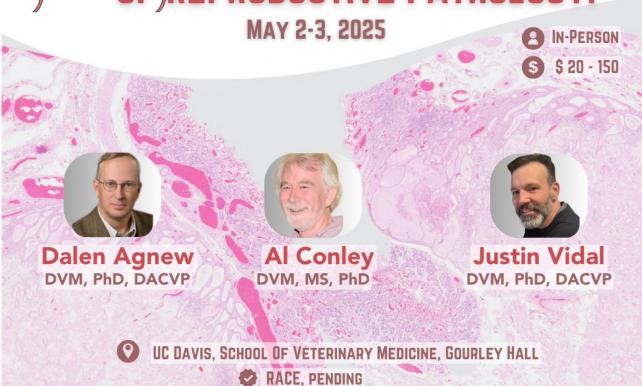
WEST COAST CONFERENCE





The 42nd Annual WEST COAST PATHOLOGY CONFERENCE

REAT ONADS AND VUBULAR VALES OF REPRODUCTIVE PATHOLOGY!



Registration closed

NECROPSY COURSE



RODADAS DE HISTOPATOLOGIA



SEMINAR SERIES IN SPANISH



CLASS & POLA

CURRENT LAB ANIMAL SCIENCE SEMINAR (CLASS)
& PATHOLOGY OF LAB ANIMALS (POLA)

CLASS MAY 17-18 | POLA MAY 19-23



Davis-Thompson Foundation



Michael Bencivenga



Daniel Bland



Laura Cregar



Heather Weaver



Ingrid Bergin



Joe Anderson



Kathryn Bender



Heather Tillman



Chip Lang



Aimee Hunter



Teresa Southard



Sarah Sulkosky



James Corrigan



Amanda Beck



William Baskerville



Laura Anderson



Angela Brice



CLASS \$100 POLA \$350- 450



RACE-PENDING



Nicole Lukovsky-Akhsanov

VIRTUAL

EASTERN EUROPEAN PATHOLOGY



FISH DISEASES DAY SEMINAR



WDA PATHOLOGY WORKSHOP



Davis-Thompson Foundation

July 26, 2025

WDA Wildlife Pathology

Workshop





More information will be available in the website soon

CLIIC US





Linden Craig DVM, PhD, DACVP



Michelle Dennis DVM, PhD, DACVP





Sarah Linn-Peirano

DVM, PhD, DACVP

Kim Newkirk DVM, PhD, DACVP





Denae LoBato DVM, PhD, DACVP

- 650+ board-style multiple choice questions
- Thousands of images (gross & microscopic)
- 30+ hours engaging poll-mode lectures

Lauren Guarneri DVM, DACVP

\$575-675

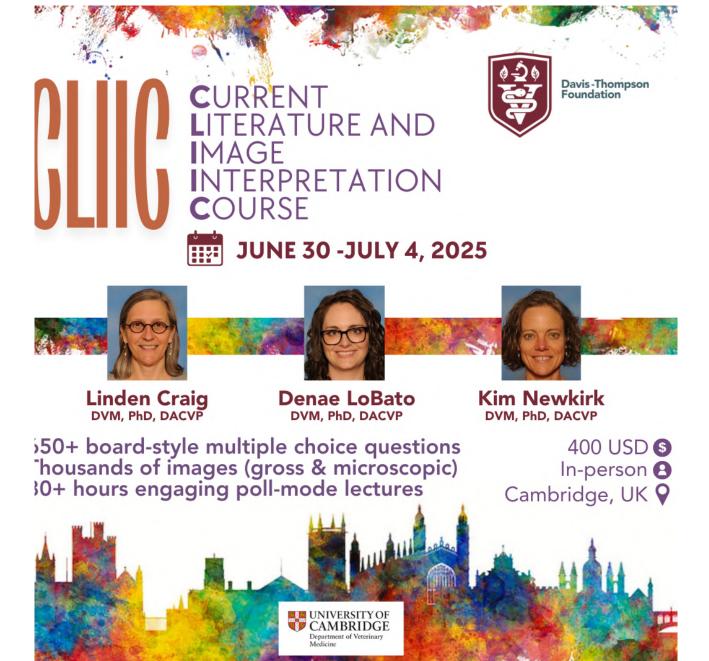
In-person (2)

Knoxville, TN 🖓

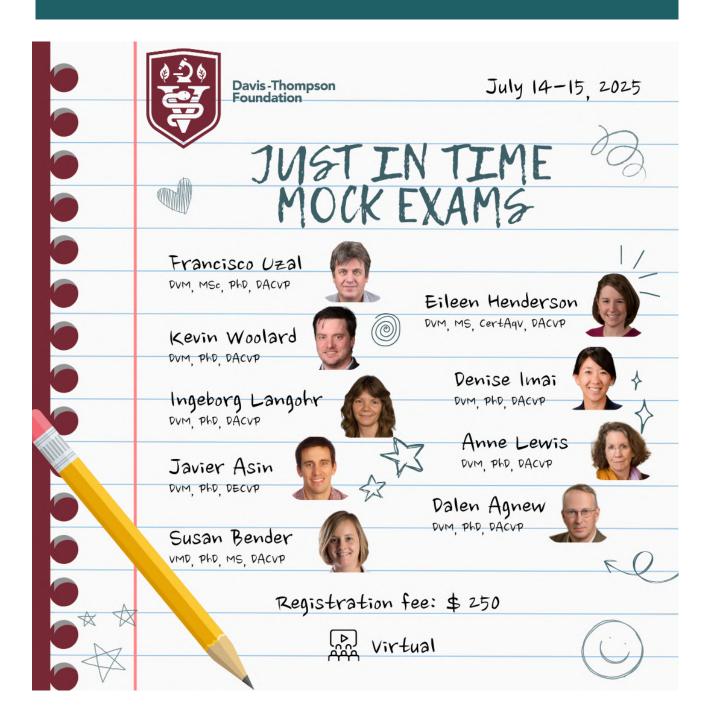
28 RACE, pending



CLIIC UK



JUST IN TIME MOCK EXAMS



AAZV ZOO & WILDLIFE WORKSHOP



More information will be available on the website soon

AAZV CALL FOR CASES

American Association of Zoo Veterinarians,32nd 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 20 July 2025 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 (reburns@sdzwa.org) by 20 July 2025:

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>Davis-Thompson Foundation website</u> at: https://davisthompsonfoundation.org/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



More information coming soon

RACEHORSE NECROPSY WORKSHOP



AAVLD PRE-MEETING WORKSHOP



Registration will be available soon in the website

WESTERN ROUND ROBIN CASE

CONTRIBUTING LABORATORY:

California Animal Health and Food Safety Laboratory – Tulare Branch

Signalment and history:

Two-year-old Angus cow with free access to minerals, had been losing weight, feed was switched to alfalfa and she continued to lose weight. She eventually went down and couldn't get up and was humanely euthanized. Up to date on vaccines, no history of deworming.

Gross Findings:

The cow was thin, body condition score of 1/9 with prominent ribs and pelvic bones and had minimal internal fat stores and moderately decreased muscle mass. The rumen was half way full of dry forage, while the abomasum contained abundant watery green-brown fluid and had a generalized markedly thickened cobblestone mucosa. The small intestines through the colon contained abundant watery, translucent yellow fluid.

Histology:

Abomasum: There is generalized thickening of the mucosa; the result of elongated and often tortuous, hyperplastic abomasal glands that are occasionally markedly ectatic and lined by attenuated epithelium. These hyperplastic abomasal glands are often lined by increased numbers of mucous neck cells (mucous neck cell hyperplasia) that frequently replace abomasal gland parietal cells



(mucous neck cell metaplasia and parietal cell loss). Dilated abomasal glands often

WESTERN ROUND ROBIN CASE

contain karyorrhectic cellular debris admixed with neutrophils and eosinophils. Multifocally the lamina propria is moderately expanded by small to moderate amounts of fibrosis and varying infiltrates of lymphocytes, plasma cells, and fewer neutrophils and eosinophils. Occasionally there are dense aggregates of lymphocytes within the mucosa (lymphoid nodules). Focally within the mid-to-deep mucosa there are rare partial tangential profiles of adult trichostrongyle nematodes that are approximately $100 \times 200 \ \mu m$ and have a $3 \mu m$ -thick eosinophilic cuticle, multiple longitudinal cuticular ridges, platymyarian-meromyarian musculature, a pseudocoelom, a large digestive tract composed of few multinucleated cells, and in some sections a reproductive tract containing eosinophilic globular material.

Diagnosis:

Abomasitis, proliferative, moderate, chronic, with parietal cell loss, mucous neck cell hyperplasia, and fibrosis with adult trichostrongyle nematodes.

Etiology:

Ostertagia ostertagi

Comments:

Ostertagia ostertagi (brown cattle stomach worm) embeds in the abomasum during its early L4 larval stage (hypobiosis) and causes mucosal gland hyperplasia, which grossly creates a cobblestone appearance of the mucosa, classically referred to as "Moroccan Leather". The microscopic changes of the abomasal glands result in the abomasal pH rising anywhere from 2 to > 6. Effective abomasal digestion can stop once the pH rises above 4.5; causing a protein-losing gastropathy and impaired protein digestion and subsequent hypoproteinemia and weight loss. Animals can develop submandibular edema and become anorectic. Diarrhea is persistent. The lifecycle of Ostertagia ostertagi is as follows: Direct ingestion of the infective L3 larval stage -> L3 exsheaths in the rumen then penetrates the abomasal glands and undergoes two molts to the L5 larval stage within the abomasal mucosa.

This presents as two clinical syndromes:

Type I ostertagiasis

• ~3-4 weeks post infection – early L5 larvae emerge and mature on the mucosal

WESTERN ROUND ROBIN CASE

surface

• Type I disease occurs primarily in calves < 18 months old, most commonly from the time of weaning and warmer months in temperate regions

Type II ostertagiasis

- Hypobiosis (arrested development) of the larva occurs for up to 4 months before emerging in large numbers and molting to L5, typically when the environment warms up. Hypobiosis results in loss of pepsinogen-producing zymogen cells and acid-producing parietal cells and are replaced by hyperplastic glands, causing abomasal pH to go up. Typically occurs in cattle 2–4 years old and older adults
- Northern US: Hypobiosis in fall and winter, emerge in the spring
- Southern US: Hypobiosis in summer, emerge in the fall

Ostertagia is resistant to freezing but susceptible to desiccation.

Disease is not as common as it once was as even the hypobiotic stage is often susceptible to treatment with common anthelminthics (ivermectin, fenbendazole).

Contributor:

Jennine Ochoa, DVM, PhD, DACVP

References:

Crona, Lorena, Eriberto Ebert, and Frederik Cummings. "Pathologic Basis of Veterinary Disease." (2017).

Smith, Bradford P., ed. Large Animal Internal Medicine 6th Ed: Large Animal Internal Medicine-E-Book. Elsevier Health Sciences. 2020.

Click here to see this slide in Noah's slidebox

ASVP CORNER

ASVP & DTF SCIENTIFIC CONFERENCE

THE HAEMATOLYMPHOID SYSTEM



DOROTHEE BIENZLE Keynote Speaker Professor Emeritus Guelph University

CLAIRE CANNON Invited Speaker

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





IDEXX CASECONNEXX CORNER

History: Large, mineralized structure associated with the left tarsus which extends across the joint. Mild lameness after significant exercise. An incisional biopsy of the large lesion is obtained.

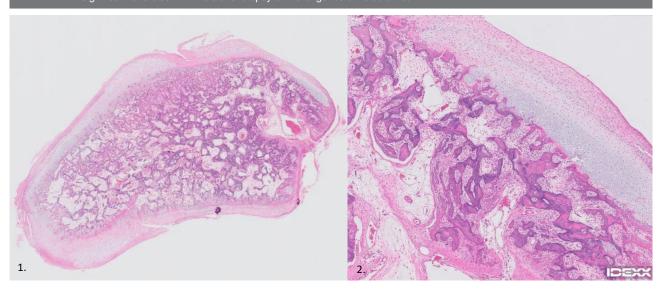


Figure 1. Well-circumscribed nodule with a peripheral rim of cartilage and a large central region consisting of anastomosing trabeculae of woven bone. Figure 2. Well-differentiated and organized cartilage transitioning in an orderly fashion to trabeculae of woven bone (endochondral ossification).

Histopathologic Description:

These sections reveal a well-circumscribed, expansile, faintly multilobed lesion consisting of a thin outer layer of variably dense collagen that overlies a well organized and often thick layer of cartilage that undergoes orderly maturation and endochondral ossification. The endochondral ossification results in the majority of the central portion mass consisting of anastomosing beams of predominantly immature and woven to occasionally mature and lamellar bone. The intertrabecular spaces are filled withloose collagenous tissue interspersed with plump fibroblasts and regions of mature well-differentiated adipose tissue.

Interpretation: Synovial osteochondromatosis

Comments:

Histopathology reveals a well-organized mass consisting of an outer layer of dense periosteum-like collagen, an organized layer of cartilaginous tissue that centrally undergoes endochondral ossification into anastomosing trabeculae of variably mature bone. These histological findings, in combination with clinical findings, are most suggestive of synovial osteochondromatosis. Synovial chondromatosis is a non-neoplastic proliferation of cartilaginous nodules within joints. These nodules often undergo endochondral ossification in which case the term synovial osteochondromatosis is appropriately applied. This condition can be primary or secondary, depending on the absence or presence of concurrent degenerative joint disease, respectively. Primary disease typically develops in the joint capsule. Masses can be solitary or multiple. It has been reported in dogs, cats, horses and pigs. The average age is 4.5 years (range 7 months to 11 years). In dogs, it is mostly reported in large and giant breeds. The shoulder joint is most commonly affected, followed by the digits, stifle, elbow, and hock. In one case series 8 out of 10 affected animals were male. These nodules gradually increase in size over time. In rare cases, malignant transformation into chondrosarcoma has been reported (9-20) months after diagnosis). Some cases of primary chondromatosis recover; while other cases require amputation or arthrodesis. Treatment for secondary chondromatosis is focused on routine management of degenerative joint disease.

References: Meuten. 2017. Tumors of Domestic Animals. 5th edition. pp. 350-352; Roccabianca et al. 2020. Volume 3: Tumors of Soft Tissue. In: Kiupel (ed.). Surgical Pathology of Tumors of Domestic Animals. pp. 269-270.





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 – m.kostons@pcopartners.nl

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 – https://www.bstp.org.uk/non-bstp-events/

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 — bstpsecretariat@gmail.com

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 – https://www.bstp.org.uk/bstp-events/ or https://www.bstp.org.uk/events/bstp-events/ or https://www.bstp.org.uk/events/bstp-events/ or https://www.bstp.org.uk/events/bstp-events/ or https://www.bstp.org.uk/events/bstp-webinars-and-podcasts/

BSTP Contact Details

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

Tel: 07894 123 533

Email: <u>bstpsecretariat@gmail.com</u>

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	Leonardo Minatel
Brazil	Cuiabá (Mato Grosso)	ENAPAVE	Amy Durham	Hematopoietic pathology	Sept 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 Gonzaléz	Forensic Pathology	TBD	Juan Diego Hidalgo
Guatemala	Ciudad de Guatemala	Javier Asin, Melissa Macias	Javier Asin, Melissa Macias	Gross Pathology of Ruminants	July 17	Deborah Rodriguez
México	Mexico city	IV Annual Latin American Roadshow	Brian Murphy	Oral and skeletal pathology	Nov 24-25	Itzel Yañez
	On line	5 th 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 + 3rd meeting of the Nicaraguan division	Javier Asin, Melissa Macias, Francisco Carvallo	Multiple	Jul 21-25	Cristina Toledo
Paraguay	Asunción	ТВО	TBD	TBD	TBD	Mirtha Suárez
Perú	Lima	TBD	TBD	Intestinal morphometry	TBD	Rosa Perales
Uruguay	Montevideo	11th Meeting of the Uruguayan Division	Marti Pumarola, Fabiano Sant'Ana	VeterinaryNeurop athology	Jun 23-24	Jose ManuelVerde
Venezuela	Barquisimeto	III Annual Meeting of the Venezuelan Division	Lauren Stranahan	Dermatopathology	Oct 17-18	Yaritza Salas



Seminar Series in Spanish 2025



Seminarios en español 11:00am-12:30pm CDT



Intoxicaciones por plantas y micotoxinas en rumiantes

Franklin Riet-correa DVM, MSc, PhD



Patología en signátidos: caballitos de mar, dragones

15 nuevo horario de mar y peces pipa
12 pm Estefanía Montero Cortijo DVM, PhD



JULIO:

Patología ósea Fernando Dutra DVM, MSc



SEPTIE

Patologías orales en perros y gatos. Enfoque clínico

4 nuevo horario Suanúa Serrano García DVM



NOVIE 20

Descripción histopatológica de neoplasias Joaquin Ortega, DVM, PhD, DACVP



DICIE:

4

Diagnóstico de diarreas en rumiantes Paco Uzal DVM, MSc, PhD, Dipl. ACVP

Registration for individual sessions available on the website soon



More information here



Click here to register



RONDAS DE HISTOPATOLOGÍA DEL LCPG 2025 10:30 - 11:30 CT







Casos de Rotina Cesar Menk, DVM, DACVP em Português





Enfermedades virales, parte II

Mariano Carossino, DVM, PhD, DACVP, DACVM
en español





Casos curiosos em peixes ornamentais Felipe Pierezan, DVM, MS, PhD, DACVP em Português





Enfermedades de Rumiantes Javier Asin, DVM, PhD, DECVP en español





Patologia no planeta dos macacos. Mayane Facin, DVM, PhD, DACVP em Português





Nódulos esplénicos en perros Federico Cifuentes, MV, PhD, DACVP en español

Julho 17



Casos variados Ileana Miranda, DVM, MSC, DACVP em Português

Click here to register for individual seminars













Click here to register



Davis - Thompson Foundation













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









UNIVERSIDAD DE LA REPÚBLICA URUGUAY

11º Seminario Uruguayo de la Fundación Davis-Thompson

Neuropatología Animal: Bases para el diagnóstico anatomopatológico

June 23 & 24, 2025



José Manuel Verdes
Responsable



Martí Pumarola



Fabiano Sant'Ana



Faculty of Veterinary. Universidad de la Republica. Route 8, km. 18 \$ route 102 Montevideo, Uruguay.

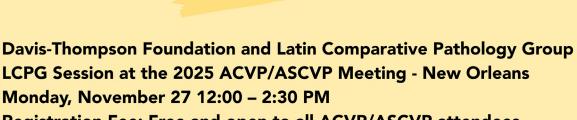


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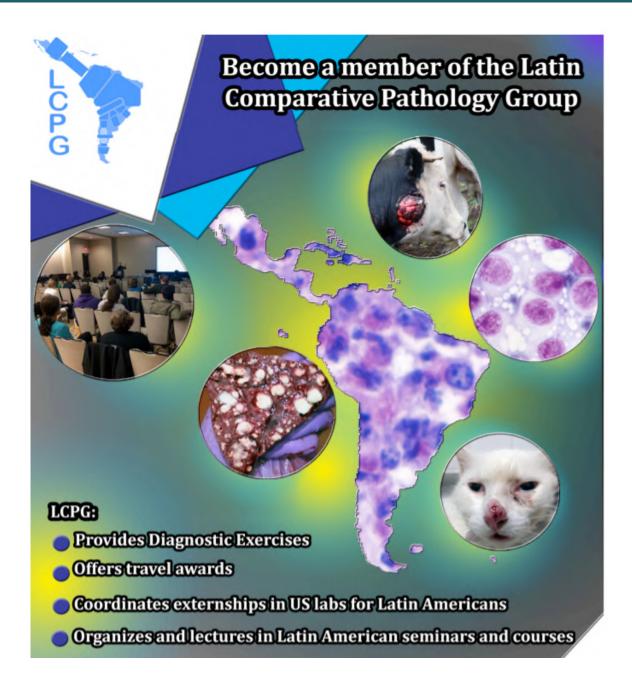
Click here to register



Registration Fee: Free and open to all ACVP/ASCVP attendees Save the Date – Call for Abstracts!

The Latin Comparative Pathology Group (LCPG) invites veterinary pathology residents and veterinary students to submit abstracts (up to 220 words in English) for a chance to present at the 2025 LCPG session in New Orleans. Selected speakers will give a 10-minute presentation followed by a 5-minute Q& A during our lunchtime session.

Further details and submission instructions coming soon!



Click here for more information about how to become a member

Dear colleagues,

This is a friendly reminder to renew (or start) your Latin Comparative Pathology Group (LCPG) membership for 2025. The LCPG offers great training opportunities to everyone and helps supporting pathologists and trainees in Latin America.

Although the registration deadline is Monday, March 31, 2025, the membership renewal or application for new membership is open the year around. However, LCPG award applicants with timely renewed membership will have priority over late ones, so paying the dues before the deadline is always best! The registration dues are very affordable, but provide invaluable help in many forms, including travel grants for trainees and speakers in Latin America. LCPG membership fees can be paid directly with a credit card through the Charles Louis Davis and Samuel Wesley Thompson foundation in the following link:

http://davisthompsonfoundation.org/lcpg-membership-payment/

We encourage you all to spread the word about the opportunities the LCPG offers, so more people interested in Veterinary Pathology can become members.

Find attached the 2024 ANNUAL MEMBERSHIP APPLICATION, please fill it in with your updated information and send it to lcpgsecretary@gmail.com

Thank you for your interest in joining and supporting the LCPG!

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. 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.

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

GHPN SCHOLARSHIPS

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





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: 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

- Abstract Submission Deadline: March 30
- Student Awards Application Deadline: March 30
- Early Bird Registration Deadline: April 30

Student Awards and Grants (Deadline: March 30) (http://www.toxpath.org/am2025/awards.asp)

- Student Travel Grants
- STP Young Investigator Awards
- STP Environmental Toxicologic Pathology SIG Student Research Award
- The Daniel Morton and Laura Dill Morton Scholarship (Deadline: November 1, 2025)
- IATP/STP Charles Capen Trainee Award (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.

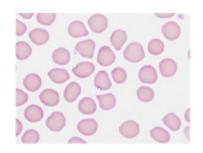
Best regards,
STP Membership Committee

STP Headquarters: 11190 Sunrise Valley Drive - Suite 300 - Reston, Virginia 20191 Tel: 703-438-7508 - Fax: 703-438-3113 - Email: stp@toxpath.org - Website: www.toxpath.org

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

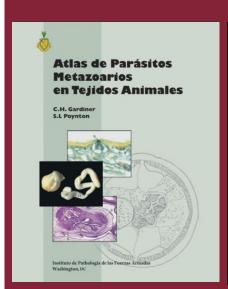


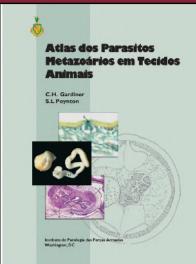
Click here to listen to past episodes of the podcast

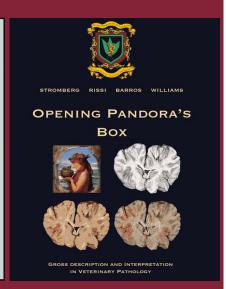












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RETIRING?

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 Phone: 847-367-4359 Fax: 847-247-1869

MAY 2025