



**Davis-Thompson  
Foundation**

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

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

# THE DAVIS-THOMPSON FOUNDATION NEWSLETTER

---

June 2022

VOL. 52



Tissue from a coral. This picture was taken in 2016, Kish Island, Persian Gulf.

# INSIDE THIS ISSUE

## Monthly cover photograph winner: Mahsa Alidoostsalimi, Greta Aeby, and Parisa Alidoostsalimi

Institutions: School of Geography, Earth and Atmospheric Sciences, Faculty of Science, University of Melbourne, Melbourne, Australia (MA); Department of Biological and Environmental Sciences, Qatar University, Doha, Qatar (GA); Department of Marine Biology, Science and Research Branch, Azad University, Tehran, Iran (PA)

Signalment: Yellow-banded Tissue Loss Disease, a unique disease from the Persian Gulf  
Diagnosis: The lesion edge is distinct with the tissue peeling off and sometimes the bare skeleton appearing green. The lesion often bordered by distinct yellow mucus band as apposed to a bare region.

3	Message from the CEO	23	Seminar Series in Spanish
4	JVDI in Focus	24	Australian Seminar Series
6	Seminar Reviews	25	NHP Pathology Workshop
14	US Descriptive Path Course	26	South Central Meeting
15	Necropsy Course	27	AAVLD Nervous System
16	Diagnostic Exercise	28	Latin America Road Show
17	One Health Uganda	29	ACVP Pre-Meeting Workshop
18	Vet Path Workshop Rwanda	30	DTF Seminars in Latin America
19	Rewind Seminar	31	BSVP Corner
20	Literature & interpretation course	33	BSTP Corner
21	CLASS/POLA 2022	35	IDEXX CaseConnexx Corner
22	Seminar Series in Portuguese	36	Miscellaneous Announcements

CEO & CHAIRMAN OF THE  
BOARD  
FRANCISCO A. UZAL, DVM, MSc, PhD

PRESIDENT  
JEY KOEHLER, DVM, PhD

TREASURER  
BRUCE H. WILLIAMS, DVM

BOARD MEMBERS

AUTRAN, RACHEL

BRAYTON, CORY

BRICE, ANGELA

BRITT, JAMES

BROWN, CORRIE C.

CARREIRA, VINICIUS

CARVALLO, FRANCISCO

CHAPMAN, JENNIFER

DARK, MICHAEL

DE NEGRI, RAFAELA

DEL PIERO, FABIO

DEMPSEY, STEPHEN M.

EDWARDS, JOHN

GENDRON-FITZPATRICK, ANNETTE

HYMAN, ROBERT

JEONG, KYU-SHIK

LANGOHR, INGEBORG

LOMBARDINI, ERIC

LYLE, TIFFANY

MCINNES, ELIZABETH

MCMAMARA, TRACEY S.

MÍRA, MÁNDOKI

OJOK, LONZY

PESAVENTO, PATTY

PRIESTNALL, SIMON

RAC, VLADISLAVA S.

ROSS, TONY

SCOTT, DANA

SIMKO, ELEMIR

SLAOUI, MOHAMED

STROMBERG, PAUL

ZADOK, RUBEN

## MESSAGE FROM THE CEO

Dear colleagues

Welcome to the June issue of the Davis-Thompson Foundation Newsletter, prepared by our fantastic Managing Editors Jeann Leal and Javier Asin.

As usual, this issue comes full of information on our training activities around the world, including an increasing number of face to face seminars and workshops, which are slowly coming back to life after more than two years of almost exclusively virtual teaching.

While we will continue offering some virtual training in the future (e.g. our “4 big courses” are fully virtual this year), we hope to keep increasing the number of in person courses as the COVID pandemic allows.

Looking forward to seeing you in one or more of our training activities soon.

Enjoy

Francisco (Paco) Uzal, DVM, FRVC, MSc, PhD, Dipl. ACVP  
Chief Executive Officer  
Davis-Thompson Foundation

Remember that June 1st is  
the last day to register for the  
Descriptive Course!

*Registration Link & Details in Page 14*



## JVDI IN FOCUS

Our May focus was an article in JVDI's May issue, in the Special Section on equine gastrointestinal diseases in horses: "Gastrointestinal biopsy in the horse: overview of collection, interpretation, and applications" by Jesse M. Hostetter, Francisco A. Uzal.

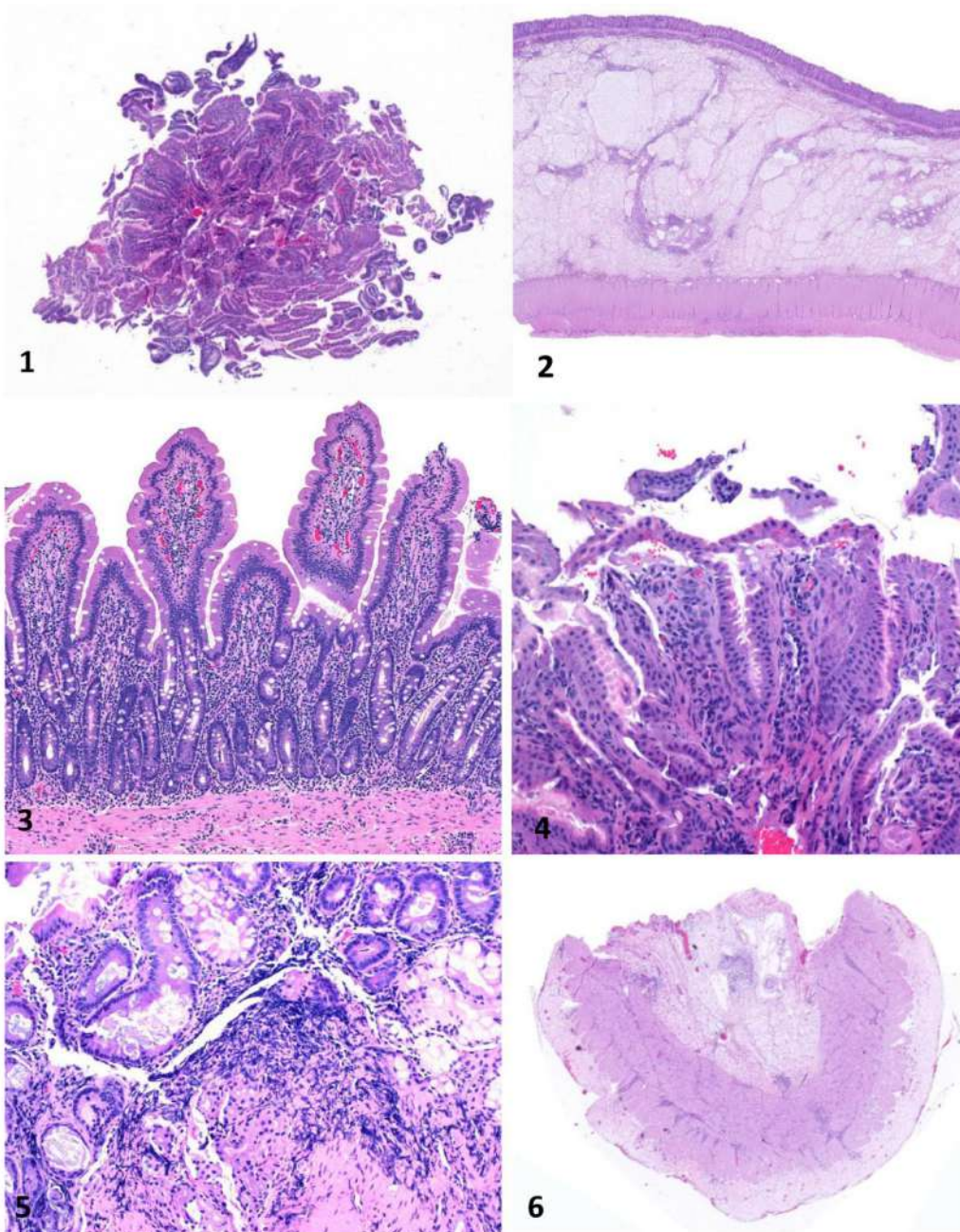
J Vet Diagn Invest 2022;34(3).

<https://journals.sagepub.com/doi/full/10.1177/10406387221085584>

**Abstract.** Evaluation of gastrointestinal (GI) biopsies is a multistep process that includes reviewing an appropriate history, determining sample quality, and evaluating histologic sections. Selected diagnostic parameters that, in combination with intestinal histopathology, can be useful to localize disease to the intestinal tract in the horse include hypoproteinemia and hypoalbuminemia, ultrasound evidence of increased thickness of the small intestinal wall, and alterations in glucose or D-xylose absorption tests. Biopsies may be acquired either endoscopically, or via laparoscopy or standing flank incisional approaches. GI sections should be evaluated using a systematic approach that includes both architectural changes and inflammatory cell infiltrates. Although strategies have been developed for assessment of GI biopsies from the dog and cat, a standardized approach to interpretation of the equine GI biopsy has yet to be developed. GI biopsies pose several challenges to the pathologist, especially for endoscopic biopsies in which the quality of the specimen and its orientation may vary greatly. Architectural changes are arguably the most critical changes to evaluate. In a horse with chronic GI inflammation, such as occurs in idiopathic inflammatory bowel disease (IBD), the cell types encountered frequently are macrophages, eosinophils, lymphocytes, and plasma cells. Increased numbers of these cell types are categorized loosely as mild, moderate, and severe. Specific forms of idiopathic IBD have been further classified by this infiltrate as granulomatous enteritis, eosinophilic enteritis, and lymphoplasmacytic enteritis; there is limited information on microscopic changes with each. Unfortunately, microscopic GI lesions are usually nonspecific, and determination of etiology requires further investigation.



## JVDI IN FOCUS



**Figures 1–6.** Equine gastrointestinal biopsies. **Figure 1.** Gastric endoscopic biopsy showing only mucosa sectioned tangentially. H&E. **Figure 2.** Colon surgical biopsy, including full thickness of the colonic wall. H&E. **Figure 3.** Duodenal surgical biopsy. This biopsy is mostly free of artifact and well oriented, so that numerous villus-crypt units with associated lamina propria can be evaluated. H&E. **Figure 4.** Gastric endoscopic biopsy that includes only the superficial aspect of the mucosa with artifactually detached mucosal epithelium. H&E. **Figure 5.** Duodenal endoscopic biopsy with severe crushing artifact. H&E. **Figure 6.** Duodenal biopsy with muscularis and serosa, but missing mucosa and submucosa. H&E.

## SEMINAR REVIEWS

### 3rd Eastern European Meeting of the Davis Thompson Foundation

25-27th May 2022, Ohrid, Republic of North Macedonia

After a two-year delay imposed by a certain virus, pathologists and trainees from more than 12 countries gathered by the beautiful azure blue waters of Lake Ohrid in the mountains on the border between N Macedonia and Albania. Dr Trpe Ristoski and his team from the Faculty of Veterinary Medicine at the University "Ss. Cyril and Methodius" in Skopje organised a truly memorable three-day meeting. Foundation CEO Dr Paco Uzal, UC Davis presented the alimentary and respiratory pathology of ruminants, pigs and horses. Dr Uzal held the attention of participants throughout with active audience participation, something we have all missed in the last two years of virtual meetings, and beautiful gross and histopathological images. His use of first-hand case examples, such as the crucial role of the veterinary pathologist in early recognition of vesicles caused by foot and mouth disease virus, highlight his extensive experience. Dr Ristoski presented a great overview of infectious viral diseases of cats and dogs and discussed a project he is leading to increase the immunohistochemical diagnostic capabilities for these infections in N Macedonia.





## SEMINAR REVIEWS

At the end of the first day we were treated to a wonderful walking tour of the old city of Ohrid. Our guide discussed the long and interesting history of a city which is a UNESCO World Heritage Cultural as well as Natural site. Incorporated into the Roman, Byzantine and Ottoman empires and latterly part of the former Yugoslavia the city features beautifully preserved churches and mosques, side by side, which illustrate this complex past. The tour allowed participants to mix and share experiences and ideas in beautiful surroundings. The final day of the meeting was devoted to dermatopathology expertly delivered by Dr Monika Welle, Vetsuisse Faculty Bern. Dr Welle discussed pattern recognition, anatomy and diseases of the hair follicle and engaged the audience with 'boards-style' case discussions. Many participants greatly appreciated seeing excellent gross and clinical images of diseases often only described on a submission form or viewed histologically. The meeting culminated in a boat tour of Lake Ohrid – sailing along under the Balkan sun, viewing the breath-taking forested mountains (with snow still on the peaks) and listening to Balkan hits, new friends and fond memories were made by all. As the first face-to-face Foundation meeting in Europe post-pandemic it was a truly memorable event and great way to relaunch the Foundation's in person meetings.

Prof Simon Priestnall, Treasurer, European Division and Board Member, DTF  
Dr Tamara Dolenšek, Eastern European Representative, European Division, DTF



# SEMINAR REVIEWS

## HOT LEGS AND OTHER AMPHIBIAN ADVENTURES

17 MAY 2022



### Participants' reviews



I thought this was fantastic and very detailed. Filled in lots of knowledge gaps for me, which I appreciated.

This was one of the most interesting and useful amphibian-focused seminars I had attended.

Thank you very much for the excellent content and presentations!

This seminar was wonderful! All of the photos and photomicrographs were great! Thank you!

Fantastic seminar that kept me engaged the entire day. Great job putting together the speakers!



**Dr. Mike Garner**



**Dr. Rob Ossiboff**



**Dr. Maria Forzán**



## SEMINAR REVIEWS

**II SEMINARIO DE LA  
SUBDIVISIÓN BOLIVIANA  
DE LA FUNDACIÓN  
DAVIS-THOMPSON**

**5 MAYO 2022**

**Reseñas de los  
participantes**

**Excelente organización y  
temas tratados.**

**Excelente. Una  
de las mejores cosas de la pandemia  
es poder acceder a este tipo de  
eventos virtualmente.**

**Estuvo muy interesante el  
seminario y de gran utilidad  
para mi carrera.**

**Excelente  
seminario!!!!**

**Dr. Alfonso Lopez**

**Dr. Mario Bedolla**

## SEMINAR REVIEWS



### Workshop Series University of Nusa Cendana (UNDANA) Kupang, East Nusa Tenggara, Indonesia May 18-25, 2022



INDONESIA! The first DT foray into Indonesia included FOUR workshops! Drs. Corrie Brown and Tanja Zabka, of the Global Health Pathology Network (GHPN), were invited by a committee of dedicated young veterinary faculty members at the University of Nusa Cendana, commonly referred to as UNDANA. Tanja and Corrie spent two weeks at UNDANA, which is in Kupang, a provincial capital located on the west end of the island of Timor. Indonesia is a country of 17,000 islands, warm hospitality, and unrivalled tropical scenery. The first workshop was a two-day course for faculty from across the university on Adult Learning techniques, which coincided well with a recent Ministry of Education mandate to institute more case-based learning across all universities in the country. Then a one-day workshop on Scientific Writing was held over Zoom for any interested faculty members from across the country, on preparation of scientific manuscripts and revealing mysteries behind the review process and best practices to ensure eventual editorial acceptance. A special request for help with wildlife necropsies led to a workshop on how to do a field necropsy, and Tanja connected successfully with wildlife pathologists from across the region. The final workshop was hybrid, and held over two days, to include transboundary and local diseases of livestock. The country has recently been devastated by African swine fever, sending pork prices soaring, and both lumpy skin disease and foot-and-mouth disease have made recent incursions, prompting a large amount of interest from veterinarians across the country. In addition, there were participants joining on Zoom from other countries in the region as well as the Americas.



Tanja and Corrie with organizing committee



Bali cattle, descending from wild banteng, and seen throughout the region

## SEMINAR REVIEWS

A crowning accomplishment was instituting telepathology capacity for the university. Dr. Sarah Corner of the GHPN secured a grant from the American Association of Veterinary Medical Colleges, to purchase equipment allowing for sharing of histologic images. The equipment was installed at the newly opened veterinary teaching hospital at the university. Dr. Putri Pandarangga, lead pathologist at UNDANA, is pictured below with the equipment. The goal is to hold regular telepathology sessions across the oceans, as is done monthly with our very dedicated GHPN colleagues in Pakistan.

Corrie and Tanja were very grateful for the outstanding organization and hospitality extended by the committee (pictured below).



Newly-opened teaching hospital, UNDANA



Dr. Putri, with her new camera and computer setup for real-time sharing of microscopic images



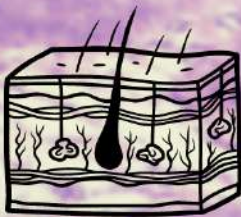
## SEMINAR REVIEWS

### SERIE ESPECIAL TEORICO PRACTICA: DERMATOPATOLOGIA BASICA 2 - NEOPLASIAS

28 ABRIL 2022



Reseñas de los  
participantes



Me parecio excelente, el  
contenido, la actualizacion de la  
informacion, los ejercicios  
interactivos geniales.  
Excelente expositor.

Gran seminario, muy sencillo y entendible.

Excelente. Muy didáctico, actualizado y  
referencias muy interesantes. Muy buena la  
metodología usada por el  
Dr. Ortega. Felicitaciones.

El seminario ha sido  
sensacional, muy didáctico,  
dinámico, aprendizaje  
máximo, haciendo lo  
difícil muy sencillo.



Dr. Joaquin Ortega

# SEMINAR REVIEWS

## PATHOLOGY OF INVERTEBRATES

22 APRIL 2022



Participants'  
reviews



**Dr. Elise LaDouceur**  
(keynote speaker &  
course organizer)



**Dr. Sarah Cudd**  
(course organizer)



This was a fantastic and one-of-a-kind seminar with outstanding talks that introduced a new world of species to me. The Davis-Thompson Foundation has not only found a way to keep us educated since the pandemic started but has explored a diversity of subject matter that no other organization can match....congratulations to everyone for this wonderful seminar.

I enjoyed all of the cases  
and wonderful  
photomicrographs.



Looking forward  
to the next one!

I thought this was an excellent seminar. I appreciated all of the speakers; their passion for the discipline and dedication to moving the field forward were obvious. I thought that the topics selected were interesting and very relevant.



# US DESCRIPTIVE PATH COURSE

 Davis-Thompson Foundation

**DESCRIPTIVE VETERINARY PATHOLOGY**  
June 6-10, 2022 **AUBURN UNIVERSITY**

**Dr. Linden Craig   Dr. Jey Koehler   Dr. Patty Pesavento**

*how to describe and interpret:*  
gross, micro, EM, ISH/IHC/PCR

**FIVE** mock tests, including interpretation  
MCQ + digital slides  
active learning exercises, Q&A and more!

Virtual live \$250  
Rebroadcast \$100  
\*add \$100 for non-members

[Click here to register](#)



# NECROPSY COURSE

**ECFVG CPE PREP**

# NECROPSY COURSE

**Breathitt Veterinary Center**  
Sat & Sun, June 11-12, 2022  
8.00 AM - 4.00 PM

**limited seats**

**Learn techniques of necropsy**  
Prepare for the necropsy portion of the ECFVG's CPE exam via hands on practice and mock exam with Veterinary Pathologists.

**Rafaela De Negri**  
DVM, MSc

**Nathan Helgert**  
VMD, DACVP

**In person & virtual**

For fees, schedule and registration, visit our website

<https://davisthompsonfoundation.org/link-in-bio>

Click here to register



# DIAGNOSTIC EXERCISE



Case **188**; Month: **May**; Year: **2022**

**Contributor:** Justin M. Stilwell<sup>1</sup>, DVM, PhD, DACVP; Daniel R. Rissi<sup>2</sup>, DVM, MS, PhD, DACVP. <sup>1</sup>Department of Pathobiology and Population Medicine, Mississippi State University College of Veterinary Medicine, Mississippi State, MS. <sup>2</sup>Athens Veterinary Diagnostic Laboratory, Department of Pathology, University of Georgia College of Veterinary Medicine, Athens, GA, [rissi@uga.edu](mailto:rissi@uga.edu)

**Clinical History:** A 9-year-old male neutered domestic longhair cat with acute onset depression and anisocoria was euthanized with pentobarbital overdose due to the rapid and progressive nature of the clinical signs.

**Autopsy Findings:** A well demarcated, white, firm, elongated mass completely occluded the right horizontal ear canal, extended into the auditory tube, and protruded into the nasopharynx (Fig. 1). The right tympanic bulla was filled with translucent, gelatinous material. A relatively well demarcated, white, soft plaque was attached to the leptomeninges and infiltrated into the outer neuroparenchyma of the ventral right temporal and piriform lobes of the brain. No connection was observed between the auricular/nasopharyngeal and encephalic lesion.

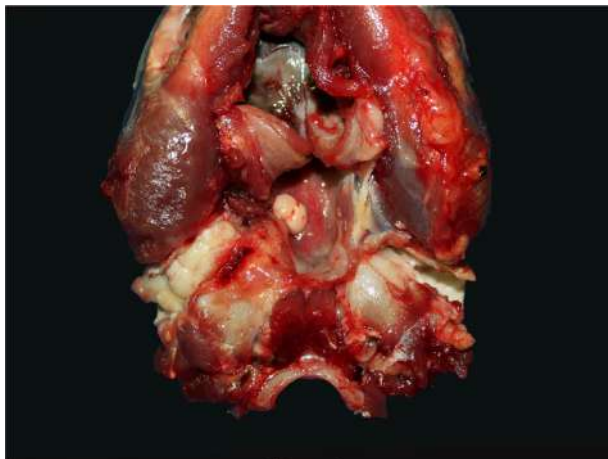


Figure 1.

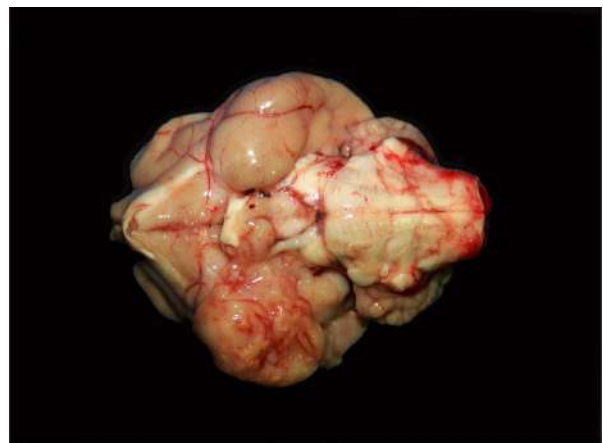


Figure 2.

**Follow-up Questions:**

1. *What are your differential diagnoses?*
2. *What is your most likely diagnosis?*
3. *What would you use to confirm the diagnosis?*

[Click here for answers](#)

# ONE HEALTH UGANDA



Davis-Thompson  
Foundation



GLOBAL  
HEALTH  
PATHOLOGY  
NETWORK



GORILLA  
DOCTORS



MAKERERE UNIVERSITY

## One Health Human and Veterinary Comparative Pathology Symposium

June 20, 2022



 Kampala, Uganda, Makerere University,  
Infectious Disease Institute- McKinnell Knowledge Centre



**Kathy Gabrielson**  
DVM, PhD, DACVP



**Umaru Ssekabira**  
MD, MSc



**Julius Okuni**  
DVM, PhD



**Dalen Agnew**  
DVM, PhD, DACVP



**Robert Lukande, MD**



**Ed Gabrielson, MD**

[Click here for more information  
and registration](#)



# VET PATH WORKSHOP RWANDA



**Veterinary Pathology Workshop**  
June 23-24, 2022

Musanze, Rwanda,  
Gorilla Doctors Headquarters

 Davis-Thompson Foundation

 GLOBAL HEALTH PATHOLOGY NETWORK

 GORILLA DOCTORS

 UNIVERSITY OF RWANDA

  
**Kathy Gabrielson**  
DVM, PhD, DACVP

  
**Jean Bosco Noheri**  
DVM, MWHM

  
**Sarah L. Poynton**  
PhD

  
**Tukei Michael**  
PhD

  
**Dalen Agnew**  
DVM, PhD, DACVP

[Click here for more information and registration](#)

## REWIND SEMINAR



Davis-Thompson  
Foundation

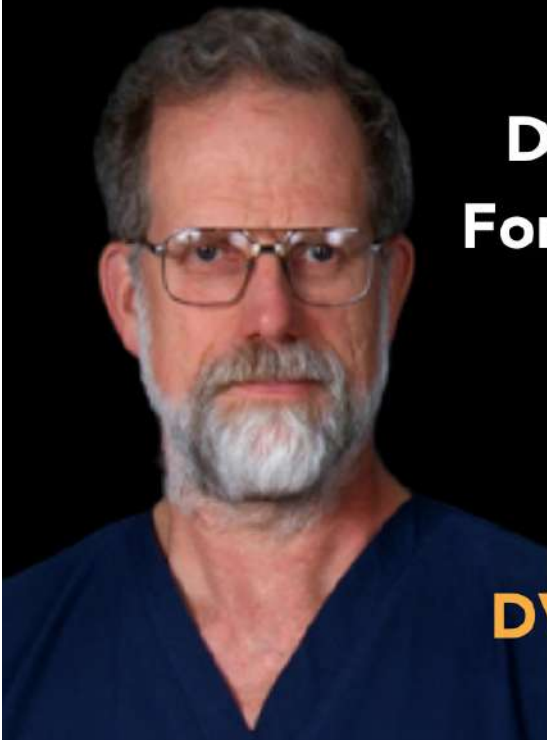
**REWIND** 

Free Friday Seminar

Friday, June 10, 2022

Rewinding from July 2020

11am-12:30pm CST



### **Diseases of the Forestomachs and Abomasum**

**John Edwards**  
**DVM, PhD, DACVP**

[Click here to register](#)

## LITERATURE & INTERPRETATION COURSE



**July 25-29, 2022**

**CURRENT LITERATURE AND  
IMAGE INTERPRETATION  
COURSE**

**FORMERLY THE "GROSS COURSE"**

 Davis-Thompson  
Foundation

 **VIRTUAL**

 **THE UNIVERSITY OF  
TENNESSEE  
KNOXVILLE**

  
**LINDEN CRAIG**  
DVM, PHD, DACVP

  
**KIM NEWKIRK**  
DVM, PHD, DACVP

  
**MICHELLE DENNIS**  
DVM, PHD, DACVP

  
**DENAE LOBATO**  
DVM, PHD, DACVP

  
**WESLEY SHELEY**  
DVM, PHD, DACVPA

[Click here to register](#)



## CLASS/POLA 2022



Davis-Thompson  
Foundation



**Penn**  
UNIVERSITY of PENNSYLVANIA

**SAVE THE DATE**

**2022  
CURRENT LAB ANIMAL  
SCIENCE SEMINAR (CLASS)  
& PATHOLOGY OF LAB  
ANIMALS (POLA)**

<b>CLASS</b>	<b>POLA</b>
<b>AUGUST 6-7</b>	<b>AUGUST 8-12</b>



**VIRTUAL**

[Click here to register](#)

# SEMINAR SERIES IN PORTUGUESE



## Seminar Series in Portuguese

2022  
18:00-19:30 BST



**MAIO**  
**18**

**Plantas tóxicas para animais de produção no Brasil.**  
**Fabio Mendonça**  
DVM, MSc, PhD



**JULHO**  
**13**

**Patologia reprodutiva do cão e gato.**  
**Maria dos Anjos Pires**  
PhD, MSc, VMD



**SET**  
**14**

**Aborto por doenças infecciosas em animais de produção.**  
**Caroline Argenta Pescador**  
DVM, MSc, PhD



**NOV**  
**9**

**Patologia de doenças micóticas.**  
**Antônio Flávio Dantas**  
DVM, PhD

Click here to register for individual seminars

# SEMINAR SERIES IN SPANISH



Davis-Thompson  
Foundation



## Spanish Seminar Series

Seminarios en español  
10:00am-11:30am CDT



**MZO** ::::

**24**

**Serie especial teórico práctica:  
Dermatopatología básica 1: inflamacion**  
Joaquin Ortega, DVM, PhD, DACVP



**ABR** ::::

**28**

**Serie especial teórico práctica:  
Dermatopatología básica 2: neoplasias**  
Joaquin Ortega, DVM, PhD, DACVP



**MAY** ::::

**19**

**Revisión de patología endócrina**  
Phillip Sponenberg, DVM, PhD



**JUN** ::::

**23**

**Plantas tóxicas en Sudamérica**  
Franklin Riet-Correa, DVM, PhD  
Ernesto Odriozola, DVM, MS Phil

Click here to register for  
individual seminars



# AUSTRALIAN SEMINAR SERIES



Davis-Thompson  
Foundation



## Australian Seminar Series

1st semester 2022

Australian dates. See Foundation website for details and USA schedule.



**APR** ::  
**30**

### Pathology of Infectious Diseases in Reptiles

Rob Ossiboff

10am-12pm AEDT/AEST, 8am-10am AWS



**MAY** ::  
**19-20**

### Foreign animal disease and outbreak preparedness workshop

Multiple speakers (see website)

10am-2pm AEDT/AEST, 8am-12pm AWST



**JULY** ::  
**02**

### Dermatopathology

Verena Affolter

10am-12pm AEDT/AEST, 8am-10am AWST



**JULY** ::  
**09**

### Pathology of Small Ruminants

Shane Besier

10am-12pm AEDT/AEST, 8am-10am AWST

Click here to register  
for individual seminars

## NHP PATHOLOGY WORKSHOP

### 2022 ANNUAL SYMPOSIUM DAVIS-THOMPSON FOUNDATION EUROPEAN DIVISION

### Non-human Primate Pathology Workshop



**ANNE LEWIS**  
DVM, PHD, DACVP



**AMANDA BECK**  
DVM

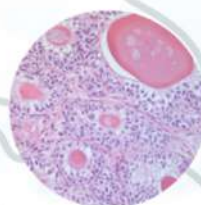
**5&6  
Sept  
2022**



in person



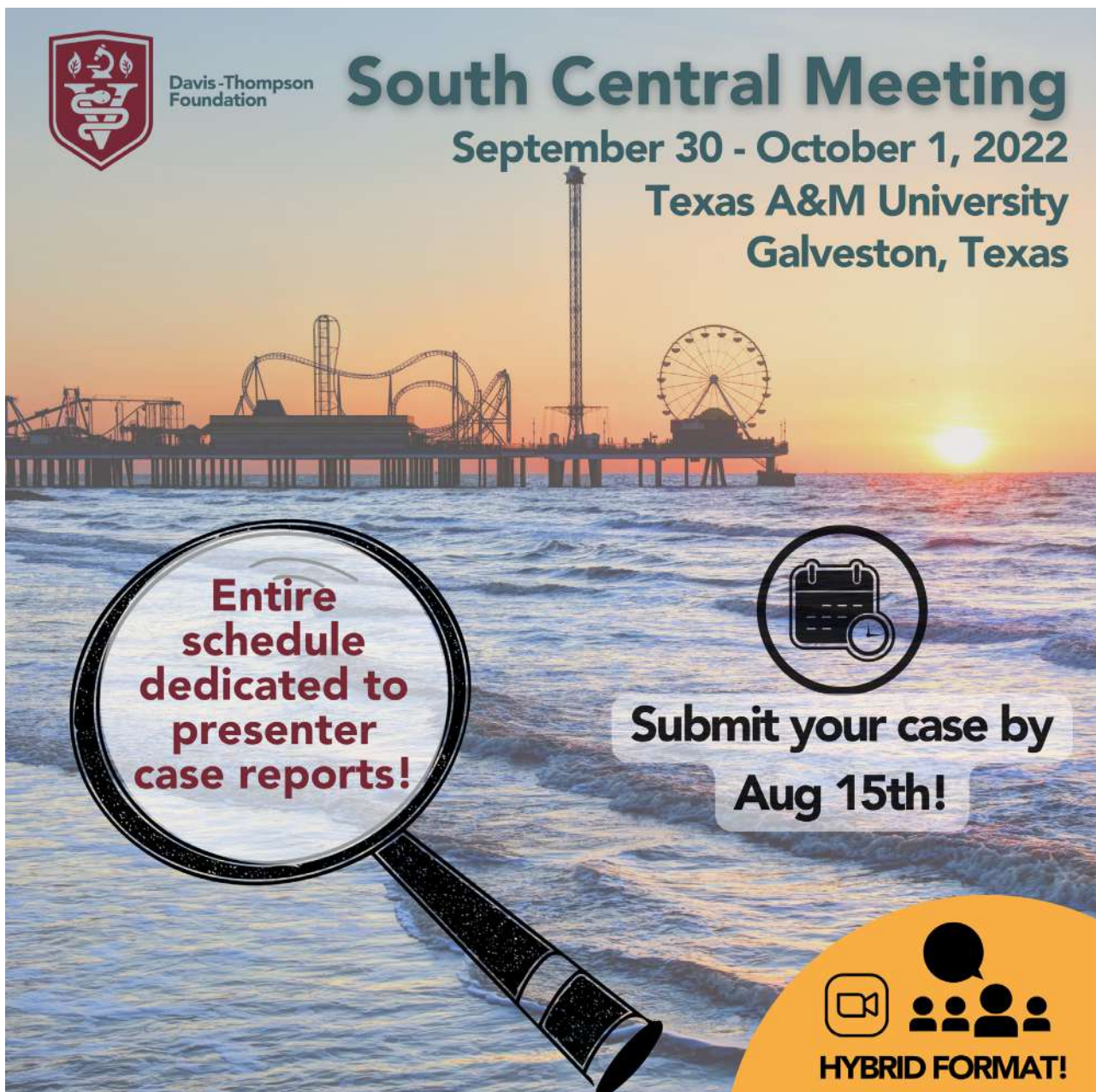
Athens, Greece  
Sofitel, Athens Intl Airport




[Click here to register](#)



## SOUTH CENTRAL MEETING





 Davis-Thompson Foundation

# South Central Meeting

September 30 - October 1, 2022  
Texas A&M University  
Galveston, Texas

**Entire schedule dedicated to presenter case reports!**

  
**Submit your case by  
Aug 15th!**

  
**HYBRID FORMAT!**

[Click here to register](#)



## AAVLD DISEASES OF THE NERVOUS SYSTEM



Davis-Thompson  
Foundation



22ND DAVIS-THOMPSON  
FOUNDATION DIAGNOSTIC  
PATHOLOGY SYMPOSIUM

In conjunction with the 65th  
AAVLD annual meeting

# Diseases of the nervous system

## SAVE THE DATE!

7 Oct 2022

8 AM  
–  
5 PM  
CDT



Hybrid format



Hyatt Regency Minneapolis

✓ Dr. Raquel Rech  
✓ Dr. Andrew Miller  
✓ Dr. Kevin Woolard

Registration informa-  
tion coming soon on  
AAVLD website

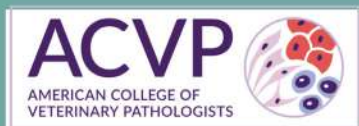
## LATIN AMERICA ROAD SHOW



# ACVP PRE-MEETING WORKSHOP



Davis-Thompson  
Foundation



AMERICAN COLLEGE OF  
VETERINARY PATHOLOGISTS

November 12, 2022

8:00am - 5:00pm EDT

The Westin Boston Seaport District

(previously known as Westin Boston Waterfront Hotel)

Boston, MA

## ACVP Pre-Meeting Workshop Getting Into the Hard Stuff: Tumors of Bone, Cartilage, and Dental Tissue



Keren Dittmer, BVSc, PhD, DACVP

Rob Foster, BVSc, PhD, DACVP



Cindy Bell, DVM, DACVP

**Registration coming soon  
on the ACVP website**

Material from volume 4 of  
Surgical Pathology of  
Tumors of Domestic Animals!

Registration informa-  
tion coming soon on  
ACVP website



# DT FOUNDATION SEMINARS IN LATIN AMERICA

## DAVIS-THOMPSON FOUNDATION SEMINARS IN LATIN AMERICA 2022

Country	Seminar	Main topics	Dates	Speakers	Organizer	Format
Argentina	XVI Argentinean Seminar of the DTF	Avian pathology neuropath, bovine diseases	24-25 August	Gabriel Senties Cue, Carmen Jerry, Marti Pumarola Batlle, Mario Bedolla	Rocio Marini; Ana Canal	Hybrid
Bolivia	II Bolivian Seminar of the DTF	Bovine pathology; porcine respiratory pathology	5 May	Mario Bedolla, Alfonso Lopez	Rodolfo Nallar	Virtual
Brazil	TBC	TBC	TBC	TBC	TBC	TBC
Chile	VII Chilean Meeting of Histopathology	Pathology of fish and mollusks	20-21 Oct	Carlos Sandoval, Paola Barato, Karin Lohrman	Carlos Flores	Hybrid
Colombia	TBC	TBC	TBC	TBC	TBC	TBC
Costa Rica	I Costa Rican Seminar of the DTF	GI Pathology, respiratory pathology, abortion	25-27 Feb	Leonardo Minatel, Francisco Uzal	Roberto Olivares	Hybrid
Guatemala	III Guatemalan Seminar of the DTF	Cardiovascular pathology	6 Apr	Enrique Aburto, Gisela Martinez	Deborah Rodriguez	Virtual
Mexico	IV Mexican Seminar of the DTF	Wildlife pathology	September TBC	Mariela Diaz, Ignacio Rangel, Osvaldo Lopez, Esperanza Yanez, Alfredo Perez, Emily Mitchell, Sarah Clift, Johan Steyl	Ubicelio Martin Orozco	Hybrid
Uruguay	Uruguayan Seminar of the DTF	Respiratory pathology, neuropath	22-23 Aug	Claudio Barros, Francisco Carvallo	Jose Manuel Verdes	Hybrid

## BSVP CORNER



British Society of Veterinary Pathology

Advancing Education in Veterinary Pathology

**IN PERSON & ONLINE**

# Farm Animal Respiratory Pathology

**Moredun Research Institute  
Edinburgh  
Friday 10th June 2022**



**JEFF CASWELL**

University of Guelph

**SANDRA SCHOLES**

SRUC

**CHRIS COUSENS**

Moredun Research Institute



**TICKETS**

**[www.bsvp.org](http://www.bsvp.org)**





# BSVP CORNER



British Society of Veterinary Pathology

Advancing Education in Veterinary Pathology

IN PERSON & ONLINE

## Farm Animal Respiratory Pathology Meeting Summary

- Overviews of bovine, small ruminant, and pig respiratory disease Jeff Caswell
- Role of innate immunity in bovine respiratory disease Jeff Caswell
- Mycoplasma bovis update Jeff Caswell
- Chronic non-fatal bacterial bronchopneumonia/ acute fatal interstitial pneumonia Jeff Caswell
- Ovine Pulmonary adenocarcinoma Chris Cousens
- Ruminant foetal and neonatal lung pathology Sandra Scholes



**Early bird discounts  
until 15th May**

**[www.bsvp.org](http://www.bsvp.org)**





# BSTP CORNER

## BRITISH SOCIETY OF TOXICOLOGICAL PATHOLOGY

### Notice of Future Meetings - March 2022



Virtual CES 6: Male Reproductive System  
Tuesday 5th – Thursday 14th July 2022

*CES 6 will be held over two weeks – on the afternoons of Tuesday 5th, Wednesday 6th, Thursday 7th, Tuesday 12th, Wednesday 13th and Thursday 14th July 2022, from 13.00 – 16.30/17.00 (GMT+1, London/UCT+1) each day.*

**Continuing Professional Development:**

Approved by the Royal Society of Biology for the purposes of CPD, this event may be counted as approximately 53 credits. Approximately 17.5 hours of educational activity will be recorded on Attendance Certificates.

This Continuing Education Symposium will cover an overview of the male reproductive system in preclinical animal species.

We are pleased to announce that Dianne Creasy will be the keynote speaker.

<< **REGISTRATION IS NOW OPEN** >>

If you would like further information, have any queries, or would like to reserve a place, please contact the BSTP Secretariat – [bstpsecretariat@gmail.com](mailto:bstpsecretariat@gmail.com)

or visit <http://www.bstp.org.uk/events/ces-6-male-reproductive-system/>

---

**37th Annual Scientific Meeting of the BSTP & AGM – Digital Pathology and Mouse Pathology Workshop**  
Thursday 10th & Friday 11th November 2022  
Harrogate, North Yorkshire, UK

**Continuing Professional Development:** *Royal Society of Biology CPD credits will be applied for.*

We are delighted to invite you to attend ..... **IN PERSON** the Digital Pathology and Mouse Pathology Workshop (in collaboration with Pathology Society of Great Britain and Ireland) which will be held on 10th and 11th November 2022 in Harrogate, UK. This conference will give you the opportunity to join a talented digital pathology community in person following a long absence of face-to-face gatherings. You will have direct access to international key opinion leaders, cutting-edge (or pre-event) workshops & discussions, Pharma/Biotech case studies, keynote lectures, and an innovating poster session. Digital pathology areas include nonclinical solutions for drug development, clinical learning-based diagnostic tools, digital image analysis solutions, quality management with regulatory compliance, digital peer review, digital primary slide reading, deep learning-based artificial intelligence concepts and much more.

The Mouse Pathology Workshop will aim to have a mix of talks to enable those in the early stages of their career to learn about pathology basics.

You will be able to create new collaborations and build on existing partnerships across industry & academia.

For up-to-date information, keep checking:

<http://www.bstp.org.uk/events/37th-annual-scientific-meeting-of-the-bstp/>

# BSTP CORNER

## Future BSTP events are due to take place as follows:

<b>5th – 14th July 2022</b>	<b>Virtual CES 6 - Male Reproductive System</b>
<b>10th &amp; 11th November 2022</b>	<b>37th Annual Scientific Meeting &amp; AGM (IN PERSON) Digital Pathology and Mouse Pathology Workshop</b>
<b>14th – 23rd March 2023</b>	<b>Virtual CES 7 - Infectious diseases of laboratory animals</b>
<b>4th – 13th July 2023</b>	<b>Virtual CES 8 - Nervous System</b>
November 2023	38th Annual Scientific Meeting & AGM
March 2024	CES 9 - Urinary System
July 2024	CES 10 - Digestive System
November 2024	39th Annual Scientific Meeting & AGM
March 2025	CES 11 - Cardiovascular System
July 2025	CES 12 - Endocrine System
November 2025	40th Annual Scientific Meeting & AGM
March 2026	CES 13 - Urinary System
July 2026	CES 14 - Lymphoid & Haematopoietic Systems
November 2026	41st Annual Scientific Meeting & AGM
March 2027	CES 15 - Musculoskeletal System & Skin

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.

## Webinars

### **BSTP webinars - in collaboration with the Society of Toxicological Pathology (STP)**

Organisation still in progress

### **BSTP webinars - in collaboration with the ESTP/SFPT/BSTP and ECVP/ESVP**

6th Joint Webinar of the ESTP/SFPT/BSTP and ECVP/ESVP, Monday April 25th, 2022  
"Hot topics in Veterinary and Toxicologic Pathology".

For information on any events organised by the BSTP, please contact the BSTP Secretariat - [bstpsecretariat@gmail.com](mailto:bstpsecretariat@gmail.com)

or visit the website – <http://www.bstp.org.uk/bstp-events/>

or <http://www.bstp.org.uk/bstp-webinars/>



# IDEXX CASECONNEX CORNER

**Signalment:** Male, Rufous fantail (*Rhipidura rufifrons*), age not provided

**Source/ History:** Found dead after 2 days in captivity. BCS 1.5/5. On necropsy – very dark feces in distal colon

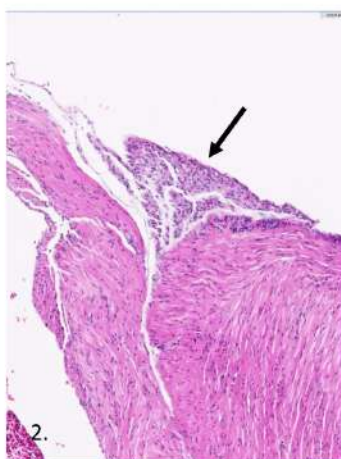
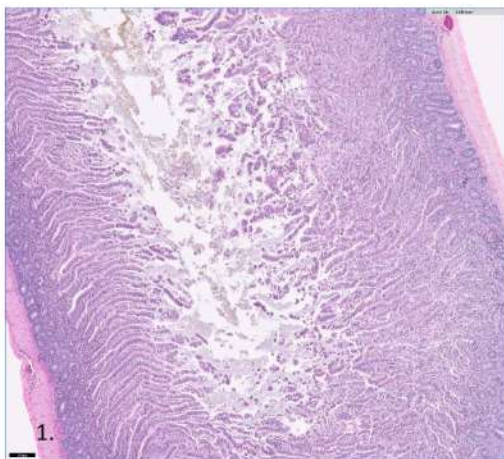


Figure 1. (10X magnification, H&E stain) Full-thickness section of small intestine with villi and crypts. There is mild mucosal autolysis.

Figure 2. (20X magnification, H&E stain) There is atrophy of the epicardial adipose tissue (black arrow).

Figures 3 and 4 (60X magnification, H&E stain) Within the villi of the small intestine there are many intracellular coccidia at various stages, predominately microgametocytes (arrowheads) and macrogametocytes (arrows). Within the lamina propria are mild numbers of lymphocytes and plasma cells.

## Microscopic Description:

Within the small intestine, epithelial cells lining villi often contain intracytoplasmic, round, 10-15 micrometer in diameter, coccidial organisms. The organisms are predominately macrogametocytes and microgametocytes at various stages of development. Multifocally in the lamina propria are mild numbers of lymphocytes and plasma cells. Within the heart, there is decreased lipid vacuolation in the cytoplasm of epicardial adipocytes with closeness of nuclei.

## Microscopic Interpretation:

- 1) Moderate to marked numbers of intra-epithelial coccidial organisms with mild lymphoplasmacytic enteritis
- 2) Moderate to marked atrophy of the epicardial adipose tissue

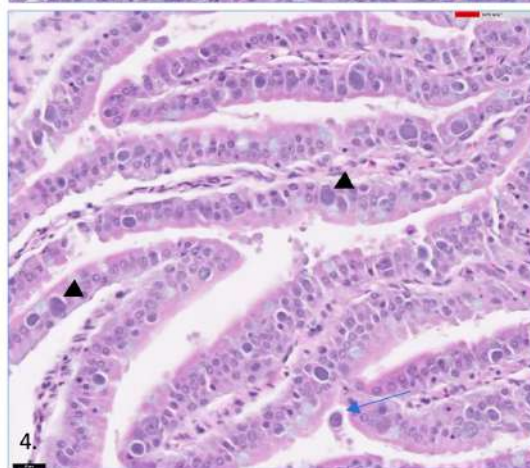
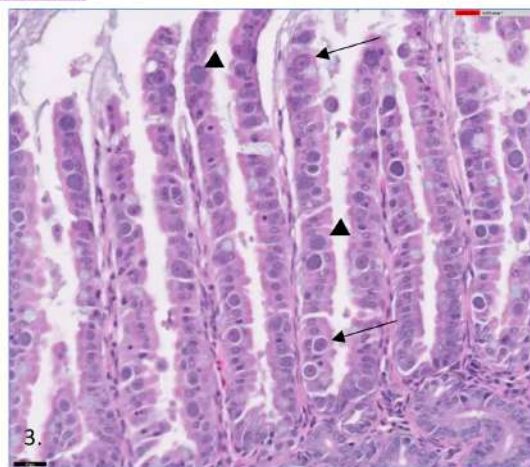
## Comments:

Histologic examination revealed the main changes to be intestinal coccidiosis and atrophy in the epicardial fat. The atrophy in the epicardial adipose tissue is likely secondary to the intestinal coccidiosis and correlates with the thin body condition noted clinically. The exact identity of the coccidia was not determined.

Coccidia are intracellular parasites of the phylum Apicomplexa, known to infect a wide range of avian species including Passeriformes. *Isospora* and *Eimeria* are commonly reported genera of coccidia in many birds.

In this case, coccidial organisms were not noted in mononuclear cells and thus a systemic coccidiosis/isosporosis was not suspected. Though spleen was not included in the submitted tissues from this bird. The findings in this case are compatible with an enteroepithelial coccidiosis. Birds with enteroepithelial coccidiosis typically present with diarrhea, weight loss and dilated intestinal loops. Coinfection with systemic isosporosis can occur in some birds.

References: Knight A, Ewen JG, Brekke P, Santure AW. The Evolutionary Biology, Ecology and Epidemiology of Coccidia of Passerine Birds. *Adv Parasitol.* 2018;99:35-60.; Terio, K. A., McAloose, D., & St. Leger, J. (Eds.). (2017). *Pathology of wildlife and zoo animals*. Academic Press.





# MISCELLANEOUS ANNOUNCEMENTS



## Become a member of the Latin Comparative Pathology Group



**LCPG:**

- Provides Diagnostic Exercises
- Offers travel awards
- Coordinates externships in US labs for Latin Americans
- Organizes and lectures in Latin American seminars and courses

### Membership Fees:

\$50 - Professionals in US, Canada, and Europe

\$30 - Professionals in Latin America

\$25 - Students in US, Canada, and Europe

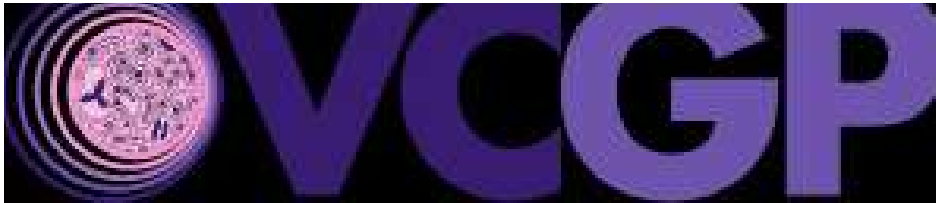
\$15 - Students in Latine America

[CLICK HERE](#) to learn more.

Use this link to join: <https://davisthompsonfoundation.regfox.com/lcpg-membership>

LCPG is the proud Latin American Division of the Davis Thompson Foundation

## MISCELLANEOUS ANNOUNCEMENTS



[www.vcgp.org](http://www.vcgp.org) is now live!



Davis-Thompson  
Foundation

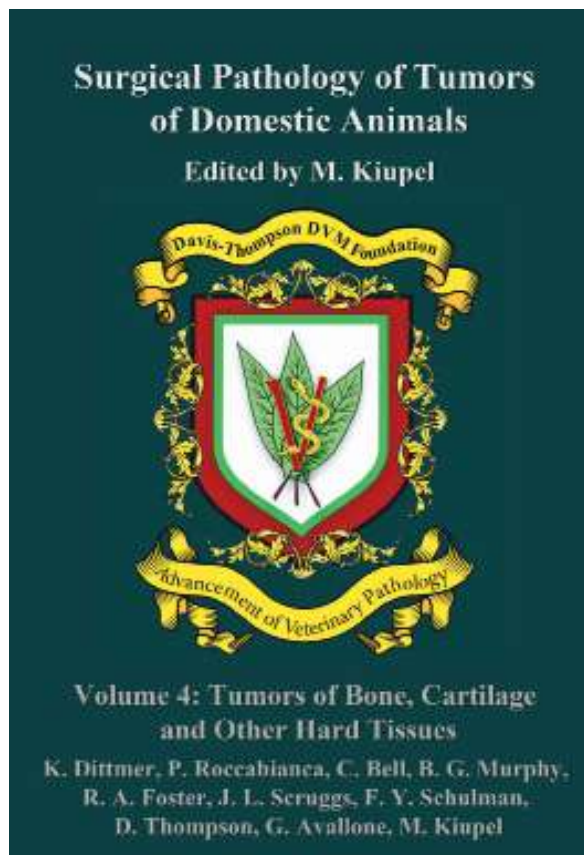
### **Eggxciting news!**

**Enjoy a new video on  
necropsy of the chicken,  
graciously donated by  
Dr. Roger Kelly.**

Video: <https://youtu.be/TrDm86UzWqA>



## MISCELLANEOUS ANNOUNCEMENTS



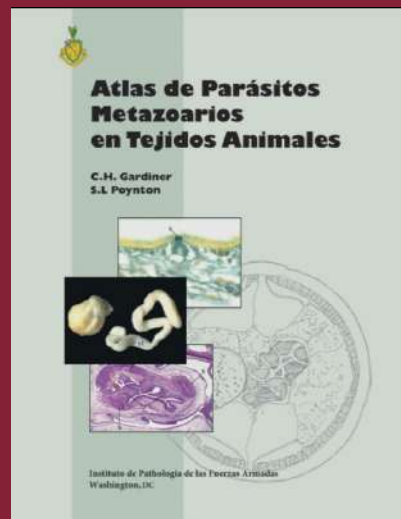
[CLICK HERE](#) to order your copy today!

### 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](mailto: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 off-campus experience. For more information, contact Dr. Jim Britt, [jobritt@sbcglobal.net](mailto:jobritt@sbcglobal.net); 501-912-1449.



Atlas De Parasitos Metazoarios En Tejidos Animales - Click Here to Get a Digital Download!



**Davis-Thompson  
Foundation**

DAVIS-THOMPSON FOUNDATION

Phone: 847-367-4359

Fax: 847-247-1869

[davis-thompsonfoundation.org](http://davis-thompsonfoundation.org)

[cldavisdvm@comcast.net](mailto:cldavisdvm@comcast.net)

JUNE 2022