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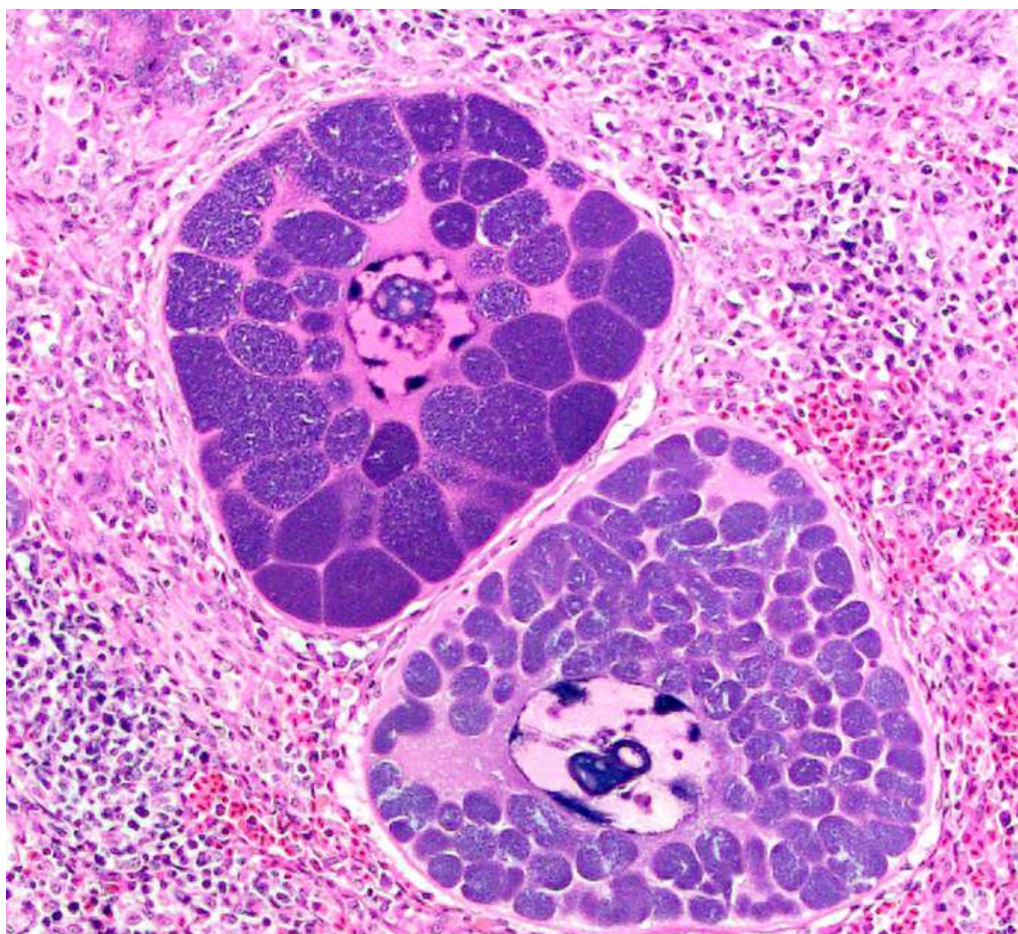
**C.L. DAVIS/S.W. THOMPSON
DVM FOUNDATION**

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

THE DAVIS-THOMPSON FOUNDATION NEWSLETTER

N o v e m b e r

VOL. 53



Hemosporidian parasites that belong to one of these families only affect birds.

- A. Haemoproteidae
- B. Leucocytozoidae
- C. Plasmodiidae
- D. Garniidae

INSIDE THIS ISSUE

Monthly cover photograph winner:

Dr. Andrew Stent, Gribbles Veterinary Pathology, Clayton, Victoria, Australia

Spleen from a Tawny Frogmouth, a group of nocturnal birds related to owl-nightjars, swifts, and hummingbirds, with presumptive leucocytozoonosis.

Answer: B. Leucocytozoidae

-Dr. Katherine D. Watson - Cover Image Editor

-Dr. Donald M. McGavin - Cover Image Composition Analyst

- | | | | |
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MESSAGE FROM THE CEO

Dear colleagues

Please find attached the November issue of the Davis-Thompson Foundation newsletter, with the compliments of our great managing editors, Jeann Leal and Javier Asin.

Please peruse these pages to find great information about our virtual and face to face activities in many countries of the world. As usual, we have training activities in English, Portuguese and Spanish.

The annual ACVP meeting just concluded. Amongst the several activities of the Foundation during the congress, we organized the pre-meeting workshop “Tumors of the Urogenital System: No Kidneying, Ovary-reacting, or Testifying!”. The workshop was a resounding success with a room overflowing with attendees that, together with the fantastic speakers, made for a very instructive and interactive session. Also look up the report on our traditional Award Ceremony, when residents and our beloved volunteers were recognized. Finally, this year, the annual meeting of the Board of Directors of the DTF was held at the headquarters of the Foundation in Gurnee, less than an hour from Chicago.

Looking forward to seeing you in one of our upcoming seminars!

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



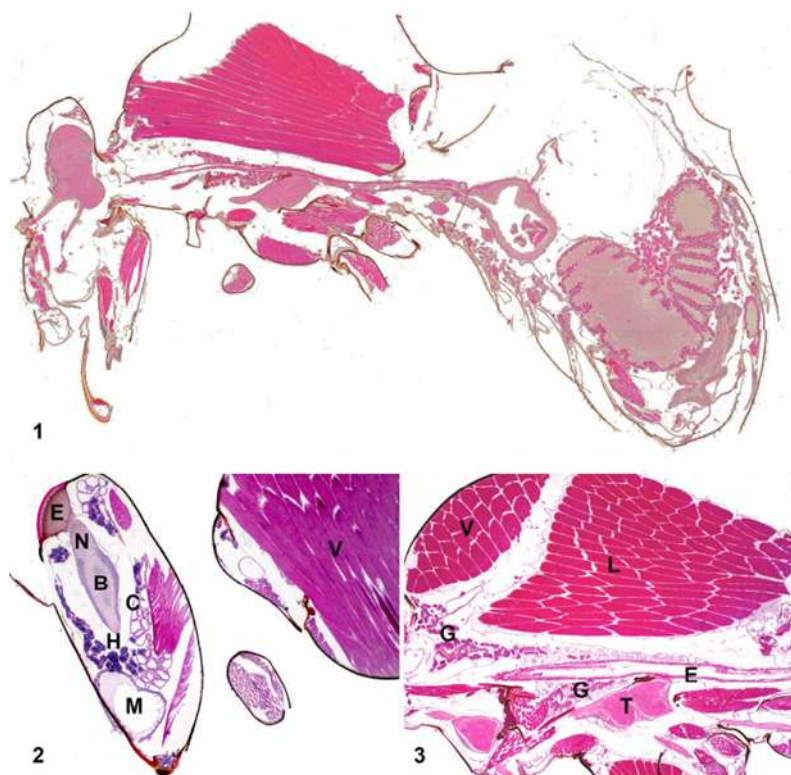
JVDI IN FOCUS

Our November focus is an open-access article appearing in the November issue: “**Histology of the whole body of honey bees: tissue fixation and processing**” by Joanie Lussier, Elsa Racine, Marie-Odile Benoit-Biancamano.

J Vet Diagn Invest 2023;35(6).

<https://journals.sagepub.com/doi/full/10.1177/10406387231160767>

Beekeeping plays a crucial role in biodiversity, pollination, commercial farming, and the worldwide agricultural economy. Histopathology, which is an important tool for the investigation of diseases in vertebrates, is not commonly used in honey bees (*Apis mellifera*). However, histopathology could potentially help the diagnostic investigation of high mortality in bees. We developed a tissue fixation and processing method enabling systematic production of histologic slides adequate for diagnostic and research purposes. Our method uses inexpensive, accessible products and can be realized with conventional pathology laboratory equipment. The quality of histologic slides obtained is similar to those of vertebrate animals processed routinely in pathology laboratories. Histopathology as a diagnostic and research tool will improve the services currently offered to apiarists and could help decrease the mean mortality rate, increase apiarists' profits, and ensure long-term pollination services.



Figures 1–3. Histologic sections from the whole body of a honey bee worker. **Figure 1.** Whole body, with head to the left. **Figure 2.** Head with hypopharyngeal (H), mandibular (M), and post-cerebral/cephalic salivary (C) glands, compound eye (E), optic nerve (N), and brain (B). Cranial thorax with vertical (V) striated muscles. **Figure 3.** Thorax with longitudinal (L) and vertical (V) flight muscles, esophagus (E), thoracic salivary glands (G), thoracic ganglion (T).

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/JVDI>

VOLUNTEER CORNER

Hello! I'm
Cecilia Degiovanni



What's your background?

I am from Argentina. I work in a private veterinary pathology laboratory performing cytological and histological evaluations and diagnostics. I am also a teaching fellow of Veterinary Pathology and Small Animal Internal Medicine at The Universidad Católica de Córdoba (UCC), in Argentina. I have been a volunteer at the Foundation since March 2023. I am really happy to be part of such a wonderful group that is eager to share knowledge and mentor aspiring veterinary pathologists all over the world.

What's your role at the foundation?

My roles include moderating live webinars in English and Spanish and creating flyers with the graphics team

Davis-Thompson
Foundation

Tell us more about yourself!

I love learning about pathology and teaching to students, and I also love traveling, attending recitals, reading books, watching movies, and even going to the gym! This year I decided to spend more time doing other things not directly related to veterinary medicine and have some fun! Something that I think is really important for one's well-being.

HISTOLLOWEEN CONTEST

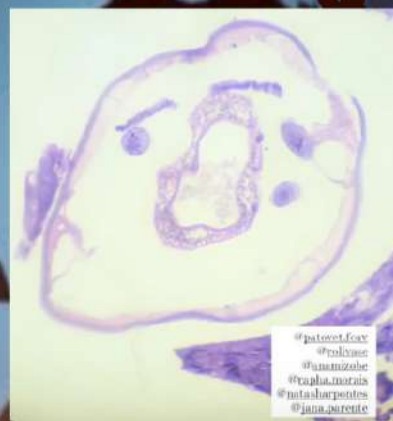


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WINNING IMAGE HISTOLLOWEEN CONTEST

OCTOBER 2023

IMAGE # 9, SUBMITTED BY EDUARDA CHILETTO, A VETERINARY PATHOLOGY RESIDENT FROM UNIVERSIDADE ESTADUAL DE SÃO PAULO (UNESP)- JABOTICABAL, BRAZIL. SHE FOUND A SPOOKY LOOKING SECTION OF STRONGYLE NEMATODE IN THE LARGE INTESTINE OF A HORSE



ACVP DISTINGUISHED MEMBER AWARD

Dr. Francisco (Paco) Uzal ACVP Distinguished member

by Javier Asin

Paco Uzal, Foundation's CEO, was recognized as a Distinguished Member of the ACVP during the annual meeting in Chicago. This is the highest recognition that a diplomate can have. Paco's dedication to research, teaching and service to the veterinary pathology and biomedical community has been astonishing and worth of this award. During his acceptance speech, Paco highlighted his work in the Davis-Thompson Foundation as a fundamental pillar of his mission as a pathologist and educator. Congratulations, Paco!



DTF AWARDS 2023

SAVE THE DATE
DAVIS-THOMPSON FOUNDATION
Award Ceremony
MONDAY OCT 30, 2023
5:00 - 6:30 PM (CDT)

Award Ceremony 2023

CORNELIUS WITHERS
PATHOLOGY TRAINEE AND SCHOLARSHIP AWARD
AUBURN UNIVERSITY

Award Ceremony 2023

MARIKA KLOSOWSKI
PATHOLOGY TRAINEE AND SCHOLARSHIP AWARD
COLORADO STATE UNIVERSITY

Award Ceremony 2023

CHRIS CHAMPION
PATHOLOGY TRAINEE AND SCHOLARSHIP AWARD
CORNELL UNIVERSITY

Award Ceremony 2023

NATHAN CRILLY
PATHOLOGY TRAINEE AND SCHOLARSHIP AWARD
JOHNS HOPKINS UNIVERSITY

Award Ceremony 2023

BELÉN HERNÁNDEZ
PATHOLOGY TRAINEE AND SCHOLARSHIP AWARD
IOWA STATE UNIVERSITY

Award Ceremony 2023

WILLIAM BASKERVILLE
PATHOLOGY TRAINEE AND SCHOLARSHIP AWARD
JOINT PATHOLOGY CENTER

Award Ceremony 2023

SHAKIRAT ADETUNJI
PATHOLOGY TRAINEE AND SCHOLARSHIP AWARD
KANSAS STATE UNIVERSITY

Award Ceremony 2023

JEONGHA LEE
PATHOLOGY TRAINEE AND SCHOLARSHIP AWARD
LOUISIANA STATE UNIVERSITY

Award Ceremony 2023

CHELSEA STECKLEIN
PATHOLOGY TRAINEE AND SCHOLARSHIP AWARD
MICHIGAN STATE UNIVERSITY

Award Ceremony 2023

CLARE BROWN
PATHOLOGY TRAINEE AND SCHOLARSHIP AWARD
MISSISSIPPI STATE UNIVERSITY

Award Ceremony 2023

SYDNEY HASTAIN
PATHOLOGY TRAINEE AND SCHOLARSHIP AWARD
NORTH CAROLINA STATE UNIVERSITY

Award Ceremony 2023

BETSY PRAY
PATHOLOGY TRAINEE AND SCHOLARSHIP AWARD
THE OHIO STATE UNIVERSITY

Award Ceremony 2023

SCOTT MITCHELL
PATHOLOGY TRAINEE AND SCHOLARSHIP AWARD
OKLAHOMA STATE UNIVERSITY

Award Ceremony 2023

RACHAEL GRUENWALD
PATHOLOGY TRAINEE AND SCHOLARSHIP AWARD
OREGON STATE UNIVERSITY

Award Ceremony 2023

PATRICK HUANG
PATHOLOGY TRAINEE AND SCHOLARSHIP AWARD
PURDUE UNIVERSITY

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DTF AWARDS 2023

 PATHOLOGY TRAINEE AND SCHOLARSHIP AWARD MAYANE FACCIN TEXAS A&M UNIVERSITY	 PATHOLOGY TRAINEE AND SCHOLARSHIP AWARD ELLIOTT CHIU UNIVERSITY OF CALIFORNIA – DAVIS	 PATHOLOGY TRAINEE AND SCHOLARSHIP AWARD MORGAN MAISEL UNIVERSITY OF FLORIDA	 PATHOLOGY TRAINEE AND SCHOLARSHIP AWARD ALISIA WEYNA UNIVERSITY OF GEORGIA
 PATHOLOGY TRAINEE AND SCHOLARSHIP AWARD YASMINE BOUMATI UNIVERSITY OF MONTREAL	 PATHOLOGY TRAINEE AND SCHOLARSHIP AWARD KATIE MCDERMOTT UNIVERSITY OF MINNESOTA	 PATHOLOGY TRAINEE AND SCHOLARSHIP AWARD AMANDA HUFFMAN UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN	 PATHOLOGY TRAINEE AND SCHOLARSHIP AWARD LATASHA LUDWIG UNIVERSITY OF GUELPH
 PATHOLOGY TRAINEE AND SCHOLARSHIP AWARD RENATA MAMMONE UNIVERSITY OF MISSOURI	 PATHOLOGY TRAINEE AND SCHOLARSHIP AWARD TAYLOR C. CHAN UNIVERSITY OF PENNSYLVANIA	 PATHOLOGY TRAINEE AND SCHOLARSHIP AWARD AMANDA CLARK UNIVERSITY OF PRINCE EDWARD ISLAND	 PATHOLOGY TRAINEE AND SCHOLARSHIP AWARD ELIZABETH MAJETTE UNIVERSITY OF TENNESSEE
 PATHOLOGY TRAINEE AND SCHOLARSHIP AWARD BETSY MURDOCK UNIVERSITY OF WISCONSIN-MADISON	 PATHOLOGY TRAINEE AND SCHOLARSHIP AWARD BRIE TRUSIANO VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY	 PATHOLOGY TRAINEE AND SCHOLARSHIP AWARD EMILY MACKEY WAKE FOREST UNIVERSITY	 PATHOLOGY TRAINEE AND SCHOLARSHIP AWARD ELIS FISK WASHINGTON STATE UNIVERSITY

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DTF AWARDS 2023



Award Ceremony 2023



LCPG-ACVP TRAVEL AWARD

JULIANA MARIOTTI GUERRA

**CENTRO DE PATOLOGIA,
INSTITUTO ADOLFO LUTZ**

[Click here for
more information](#)

DTF AWARDS 2023



*Award
Ceremony
2023*



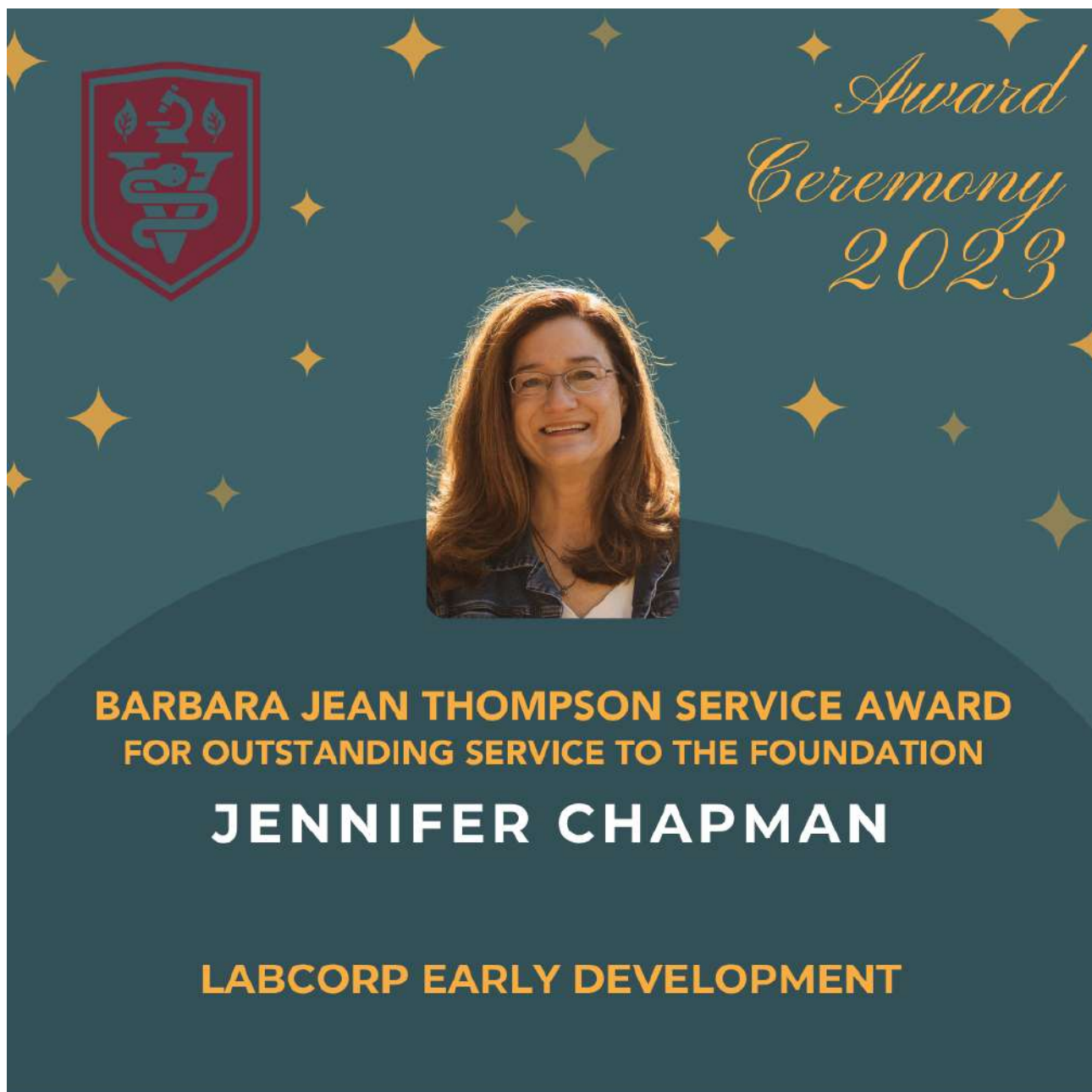
VETERINARY PATHOLOGY JOURNAL AWARD

AVERY J. COOLEY

**MISSISSIPPI STATE
UNIVERSITY (RETIRED)**

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more information](#)

DTF AWARDS 2023



Award Ceremony 2023

**BARBARA JEAN THOMPSON SERVICE AWARD
FOR OUTSTANDING SERVICE TO THE FOUNDATION**

JENNIFER CHAPMAN

LABCORP EARLY DEVELOPMENT

[Click here for
more information](#)

DTF AWARDS 2023



Award Ceremony 2023

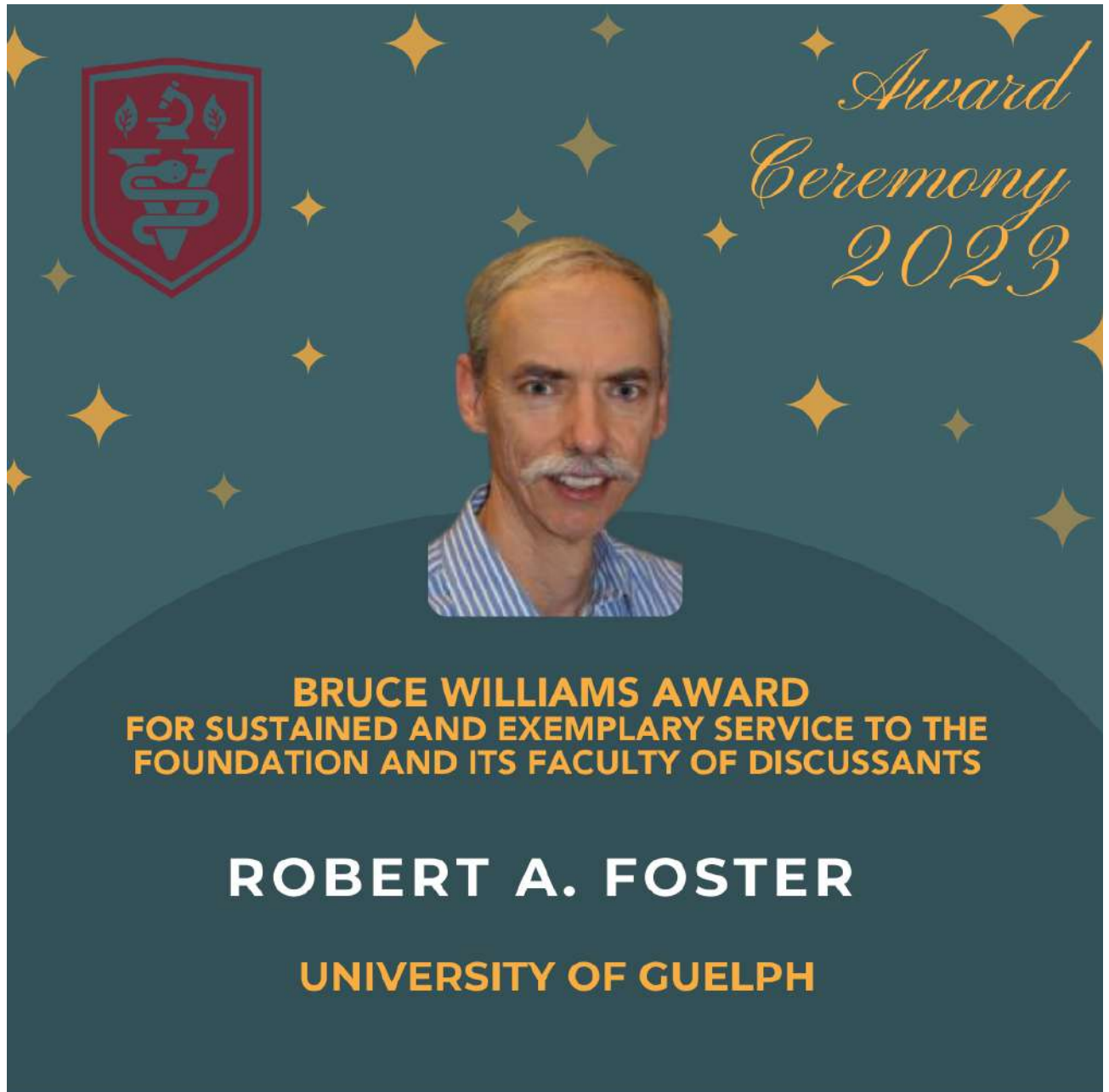
**BARBARA JEAN THOMPSON SERVICE AWARD
FOR OUTSTANDING SERVICE TO THE FOUNDATION**

JAVIER ASIN

UNIVERSITY OF CALIFORNIA – DAVIS

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more information](#)

DTF AWARDS 2023



Award Ceremony 2023



**BRUCE WILLIAMS AWARD
FOR SUSTAINED AND EXEMPLARY SERVICE TO THE
FOUNDATION AND ITS FACULTY OF DISCUSSANTS**

ROBERT A. FOSTER

UNIVERSITY OF GUELPH

[Click here for
more information](#)

DTF AWARDS 2023

A graphic for the DTF Awards 2023. It features a dark teal background with yellow stars. In the top left is a red shield with a white caduceus and a microscope. In the top right, the text "Award Ceremony 2023" is written in a gold cursive font. In the center is a portrait of Igor Santos, a man with a beard and dark hair, wearing a black shirt with "FIAWA" on it, holding a microphone. Below the portrait, the text "BEST DIAGNOSTIC EXERCISE" is written in gold, followed by "IGOR SANTOS" in white, and "UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL" in gold.

Award Ceremony 2023

BEST DIAGNOSTIC EXERCISE

IGOR SANTOS

UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL

[Click here for more information](#)

BEST DIAGNOSTIC EXERCISE 2023

Congratulations to the authors of the best diagnostic exercise of 2023, with **9.60** points out of 10!



Diagnostic exercise From The Latin Comparative Pathology Group and the Davis-Thompson Foundation:
Enzootic bovine leukosis in a cow
 Braz J Vet Pathol, 2023, 16(1), 71 – 77
 DOI: [10.24070/bjvp.1983-0246.v16i1p71-77](https://doi.org/10.24070/bjvp.1983-0246.v16i1p71-77)

71

BJVP
 Brazilian Journal of Veterinary Pathology
 ISSN 1983-0246

Diagnostic Exercise
From The Latin Comparative Pathology Group*

Enzootic bovine leukosis in a cow

Igor R. Santos¹, Luan C. Henker^{1,2}, Regina T. Kemper^{1,3};
 Marianna Bertolini¹, David Driemeier¹, Saulo P. Pavarini¹.

¹ Setor de Patologia Veterinária, Faculdade de Medicina Veterinária, Universidade Federal do Rio Grande do Sul, Porto Alegre, RS, Brazil.

² Department of Pathobiology, College of Veterinary Medicine, Auburn University, Auburn, AL, USA.

³ Ross University School of Veterinary Medicine, Ross University, Saint Christopher Island, Federation of Saint Christopher and Nevis.

****Corresponding author:** E-mail: igor.ozn@gmail.com



Figure 1. Anterior perspective of the right eye of the cow (Quilmes, 2023).



Figure 3. Cut surface of the mass in the retrobulbar space.

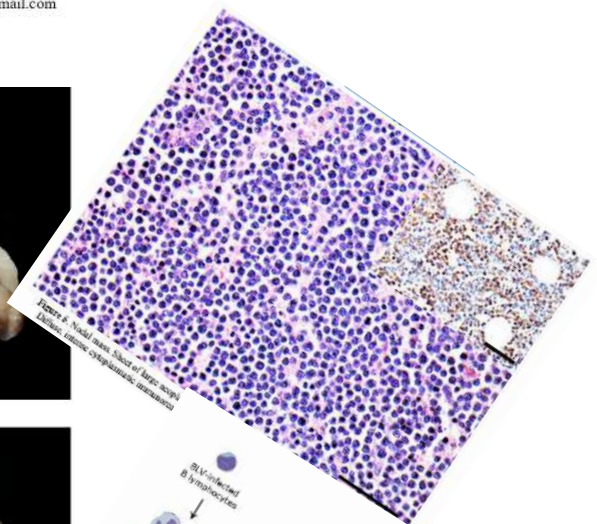
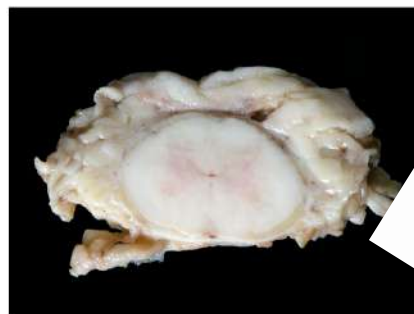
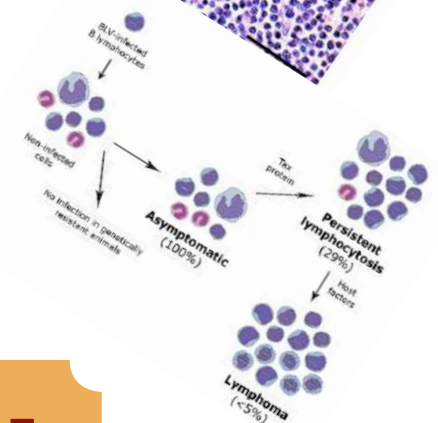


Figure 6. Microscopic image of a tissue section showing a dense population of cells.



[Click here for the DE](#)



DIAGNOSTIC EXERCISE



Case #: 219; Month: August; Year: 2023

Contributors: Agustín Rebollada-Merino^{1,2} and Francisco A. Uzal³

¹VISAVET Health Surveillance Centre, Complutense University of Madrid.

²Department of Internal Medicine and Animal Surgery, Faculty of Veterinary Medicine, Complutense University of Madrid.

³California Animal Health and Food Safety Laboratory System, San Bernardino Branch, University of California-Davis, San Bernardino, CA, USA.

fauzal@ucdavis.edu

Clinical History: A 6-year-old Angus cross cow euthanized due to being down and seizing for 12 hours.

Gross Findings: the carcass was in poor nutritional condition, with no fat reserves, mild but generalized muscle atrophy and serous atrophy of fat. The four chambers of the heart were moderately dilated. The lungs were edematous and congested. Both corneas were opaque and had whitish/blueish discoloration (Fig. 1). A formalin fixed cut section of the eye is shown in Fig. 2.



Figure 1

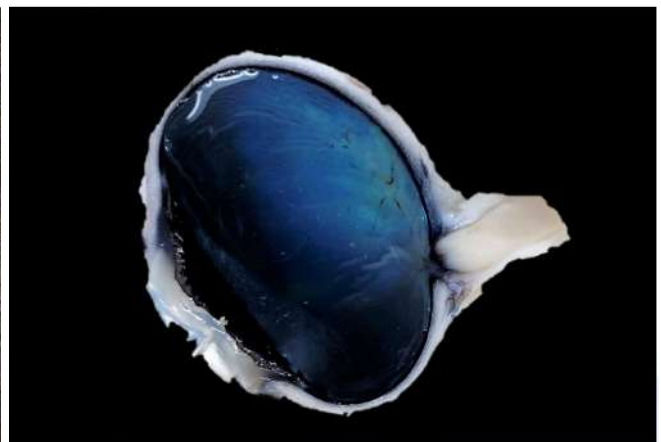


Figure 2



DIAGNOSTIC EXERCISE

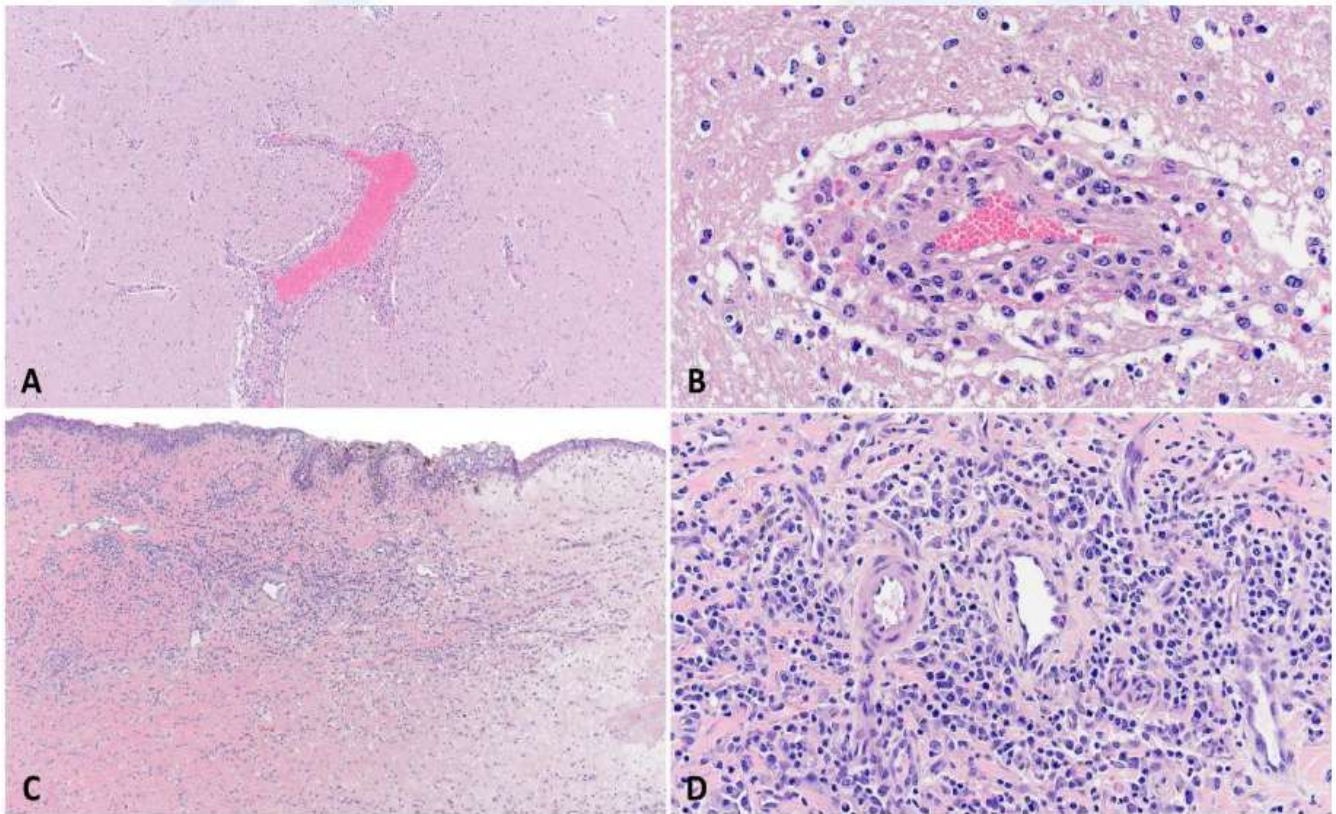


Figure 3. Hematoxylin-eosin, 10× (A, C), 40× (D), and 60× (B)

Follow-up questions:

- *Histologic description*
- *Morphologic diagnoses*
- *Name the disease*
- *Etiology*

[Click here for answers](#)

Editor-in-chief: Claudio Barros

Associate Editor for this Diagnostic Exercise: Ingeborg Langohr

*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/>).

ANNUAL MEETING OF THE BOARD OF DIRECTORS

2023 Annual meeting of the Davis-Thompson Board of Directors 27th October, Gurnee, illinois, US

by Francisco Uzal and Bruce Williams

This year's meeting of the Foundation's Board of Directors was held at our Gurnee headquarters (only a short trip from the ACVP meeting being held the next day in Chicago). For many attendees, it was their first chance to see the Foundation's headquarters and its rich history, where Dr. Sam Thompson and his wife, Dr. Vladislava Rac, grew the Foundation over the last 30 years. (The Foundation actually was incorporated in Sayre, Pennsylvania, but moved to the Gurnee location in 1986.) While the rooms of mimeograph machines, syllabus binders, VHS copiers, and DVD burners (the technology that built the Foundation) are gone, the office still houses our fascicle and merchandise distribution activities, as well as all of the financial workings that keeps the Foundation moving forward 50 years later. The group was hosted by Ms. Evelyn Norman-Cotton, Ms. Latoya Montgomery, and Ms. Ksenija Rac (Dr. Thompson's sister-in-law, who has been a tremendous and beloved supporter of the Foundation over the years). The Board meeting room hadn't been used in a good ten years (since the last time the ACVP meeting was in Chicago), but for three hours, it resembled the meetings of old, as we reviewed and discussed all the activities of the Foundation and planned for a busy and productive year ahead. At the end of the meeting, several members of the Board were privileged to visit with Dr. Rac (who still lives next door to the Foundation office) and share fond memories of the early days of the Foundation and Dr. Thompson. Several members of the Board who could not be present in person, attended the meeting via Zoom. It was a fantastic day for Foundation volunteers young and old – a chance to learn of the storied history of the Foundation while also planning for its bright future.



SEMINAR REVIEWS

LCPG meeting at ACVP 2023 30th October, Chicago, Illinois, US by Francisco Carvallo and Francisco Uzal

On Monday October 30, the Latin Comparative Pathology Group (LCPG) session was held during the annual meeting of the American College of Veterinary Pathologists, in Chicago, IL. Dr. Carvallo (president of the LCPG) opened the session updating the audience on all the awards and training opportunities offered by the LCPG, and the outcome of the major events sponsored by the group. After that, there were two outstanding speakers that attracted more than 80 attendees including residents, pathologists and faculty members from different universities. The number of attendees surpassed our wildest expectations in a room where many people had to sit on the floor or listen to the presentations standing in the hallway! (No worries, we will make sure we are getting a larger room for next year...). First, Dr. Don Meuten (North Carolina State University) gave the presentation “Standardization in oncologic pathology – what took so long?”, followed by Dr. Joao Pedro Cavasin (Texas A&M) with the presentation “feline hepatocellular carcinoma: histological features and future perspectives”.

After the academic session, the LCPG conducted a business meeting, with the attendance of 18 people in the room andover Zoom.



Upper left: Dr. Carvallo welcoming the audience. Upper right: Dr. Don Meuten interacting with the attendees to the talk. The room was packed! Lower left: Dr. Angela Arenas (chair of the LCPG education committee) welcoming Dr. Joao Pedro Cavasin. Lower right: Some of the attendees to the LCPG business meeting.

SEMINAR REVIEWS

2023 ACVP/Davis-Thompson Foundation Pre-Meeting Workshop: Tumors of the Urogenital System: No Kidneying, Ovary-reacting, or Testifying! 28th October, Chicago, Illinois, US

by Jennifer Chapman

Over 160 pathologists, residents, and veterinary students attended the 2023 Davis-Thompson-Foundation's annual ACVP Pre-Meeting Workshop on October 28 to hear Dr. Robert Foster, Dr. Valeria Grieco, Dr. Renee Laufer-Amorim, Dr. Chiara Palmieri, and Dr. Dorothee Bienzle share their expertise on tumors of the urogenital system. In this full-day session, five co-authors of the upcoming fifth volume of the series, *Surgical Pathology of Tumors of Domestic Animals*, took attendees on a riveting journey by sharing their approach to pathology of tumors of the urogenital system. The presenters discussed tumors of the kidney, bladder, ureter, and urethra (No Kidneying!); tumors of the ovary, uterine tube, uterus, and cervix (No Ovary-reacting!); and tumors of the testis, prostate, and external genitalia (No Testifying!). The presentations highlighted key diagnostic features of these tumors, integrating cytology and histology using a case-based approach. Dr. Foster highlighted the importance of spending quality time with normal and, when you see a mass, always look for a reason that it is NOT neoplasia. He also stressed the importance of remembering that low power patterns rule; however, with low power comes great responsibility! Attendees were given access to scanned slides ahead of the pre-meeting workshop and a mystery case discussion closed out the day's presentations. This was a brilliant seminar, reflected by the overwhelmingly positive remarks from attendees.



Speakers and organizers of the ACVP pre-meeting workshop, together with Foundation's officers. From left to right: Paco Uzal, Kelsey Fiddes, Robert Foster, Valeria Grieco, Dorothee Bienzle, Chiara Palmieri, Renee Laufer-Amorim, Jennifer Chapman, Jey Koehler



Dr Rob Foster lecturing

SEMINAR REVIEWS

2023 AAVLD Annual Meeting Davis-Thompson Pre-Meeting Workshop: Identification of Protozoan and Metazoan Parasites in Tissue Section 13th October, National Harbor, Maryland, US

by Francisco Uzal

On the 13th of October 2023, The Davis-Thompson Foundation was honored to host the 23rd DTF Diagnostic Pathology Symposium on Identification of protozoan and metazoan parasites in tissue sections, at the 66th AAVLD Annual Meeting in National Harbor, Maryland. Attendees were treated to a full day of engaging and highly informative talks by the well-known world expert on identification of parasites in tissue sections, Dr Chris Gardiner, from the Joint Pathology Center. During the morning Dr Gardiner went through the identifying characteristics of all groups of parasites, and in the afternoon, he presented multiple diagnostic cases during a highly interactive session with the participants. Dr Gardiner showed outstanding stamina lecturing during the whole day and answering myriad questions from the attendees.



Dr Gardiner surrounded by organizers of the seminar and DTF officers and volunteers. From left to right: Melissa Macias, Bruce Williams, Eileen Henderson, Chris Gardiner, Rachel Autran, Mike Dark, Francisco Uzal

SEMINAR REVIEWS



Davis-Thompson
Foundation



Ministerio de Agricultura,
Ganadería y Pesca
Argentina

17th Seminar of the Argentinean Subdivision of the Davis-Thompson Foundation and XIII Argentinean Meeting of Veterinary Pathology (RAPAVE) 4-6th October 2023, Salta, Argentina

by Juan Micheloud

The 17th seminar of the Argentinean Division of the Davis-Thompson Foundation was held in Salta, Argentina, simultaneously with the 13th Argentinean Meeting of Veterinary Pathology (RAPAVE), between the 4th and 6th of October, 2023. The venue was the Catholic University of Salta (UCASAL). The organizers of the meeting were Dr. Juan Francisco Micheloud and his team from the Animal Research Health Area of the National Agricultural Technology Institute (INTA). The organizing committee was supported by an enthusiastic group of students that took care of myriad activities. Financial support was provided by the Latin Comparative Pathology Group, the Davis-Thompson Foundation, INTA and the National Scientific and Technical Research Council (CONICET).

The seminar was well attended by a total of 140 participants, including pathologists, lecturers, professors, residents, undergraduate and postgraduate students and private veterinarians from Argentina, Brazil, Chile, Uruguay and Paraguay. Thirty-two public and private institutions from these countries were represented. Dr. David Driemeier, from the Federal University of Porto Alegre (Brazil), lectured for a full day on ruminant and swine pathology. Dr. Fernando Dutra Quintela, from the Uruguayan Animal Health Platform gave lectures on bone pathology for 5 hours.

A 3-hour histopathology workshop organized by Drs Juan Micheloud (INTA-Salta) and Francisco Uzal (UCDavis) included the presentation of 16 exciting cases in domestic and non-domestic species, by the same number of colleagues. The histologic sections had been prepared by UCDavis and scanned and uploaded to the Noah's Slide Box of the DTF by Dr Bruce Williams (DTF). All attendees had the opportunity to examine the sections before they were presented. A full afternoon round-table discussion about the use of veterinary pathology in experimentation was conducted by Drs. Hugo Ortega (CONICET UNL), Claudio Barbeito (UNLP-CONICET) and Francisco Uzal. During this round table, all participants discussed several aspects of the use of pathology in experimental trials and the use of information generated in diagnostic laboratories to create scientific knowledge. In addition, 97 research posters were presented and 6 oral presentations of selected posters were made. All these activities generated a lot of interest and allowed the attendees and the high-quality speakers to share information and engage in useful discussions.

SEMINAR REVIEWS



Dr. Francisco Uzal lecturing during the seminar



Attendees, speakers and organizers of the 17th Seminar of the Argentinian Subdivision of the Davis-Thompson Foundation and XII RAPAVE.

SEMINAR REVIEWS

30th Annual Association of Zoo Veterinarians and Davis-Thompson Foundation Zoo and Wildlife Pathology Workshop

by Dalen Agnew

Almost 50 participants registered for the recent 30th Annual Zoo and Wildlife Pathology Workshop held in Nashville, TN during the meeting of the American Association of Zoo Veterinarians. The audience was international and included veterinary students, interns, residents, and clinical veterinarians as well as veterinary pathologists. As our 30th anniversary workshop keynote speakers, Drs. Linda Lowenstine and Mike Garner, from University of California, Davis and Northwest ZooPath, spoke on the topic: “30 years of Zoo and Wildlife Pathology: How the Past Informs the Future” followed by 18 presentations by participants. These talks covered a range of old and new diseases including veno-occlusive disease in cheetahs, ulcerative dermatitis in tapirs, hepatitis in bald eagles, rabies in a tamandua, and phaeohyphomycosis in a Pacific spiny lumpsucker, among others. We finished just in time to attend the icebreaker event at the Wildhorse Saloon. A highlight of the meeting was a surprise evening presentation by Brad Paisley on tick seeking behavior in humans. The next Zoo and Wildlife Pathology Workshop is scheduled for 22 September 2024 in Toronto, Ontario, Canada. Look for a topic announcement and request for case material in the spring.



Drs. Mike Garner and Linda Lowenstine

SEMINAR REVIEWS



**1st Venezuelan International Symposium of Veterinary Medicine:
Clinic-pathologic approach to mammary neoplasia in dogs and cats and
1st Venezuelan Symposium of the Davis-Thompson Foundation and Latin Comparative
Pathology Group**
by Yaritza Salas

This joint meeting was held last 19-21 October in Barquisimeto, Lara, Venezuela, organized by Yaritza Salas Araujo, Adelys A. Márquez, Ysabel Márquez, Nyurky Matheus, Maria Forlano, José Angulo, Luis Ruiz, Luis Gil.

Presenters included: Dr Claudio Barros (Brazil): Gross description of lesions; Dr Francisco Uzal: Introduction to the Davis-Thompson Foundation; Dra Laura Romero Romero (México): 1. Why cytology in mammary tumors; 2. Clinical impact of histopathologic diagnosis of mammary tumors of dogs. 3. Workshop of mammary tumor cytology; Dr. Alejandro Cervantes (México): 1. Surgery of mammary neoplasia. 2. Welfare of oncologic patient and owners. 3. Workshop on antineoplastic therapy; Dra Yaritza Salas Araujo (Venezuela): Prognosis of canine mammary carcinoma; Dr Nyurky Matheus (Venezuela): Tumoral biomarkers; Dr. Jose Angulo (Venezuela): ¿How to improve the management of mammary neoplasia in dogs and cats?; Rebeca Reyes (Venezuela): Antineoplastic therapy in mammary tumors; Dr Oswaldo Parili (Venezuela): Nutrition of oncologic patients.

Up to 110 excited Venezuelan veterinarians and veterinary students attended the meeting that was the first incursion of the DTF and LCPG in Venezuela. The sessions were highly interactive, with many questions from the audience, the speakers generously shared their knowledge and experience with the attendees.



Full auditorium listening attentively to the speakers of the 1 st Venezuelan International Symposium of Veterinary Medicine: Clinico-pathologic approach to mammary neoplasia in dogs and cats, and the 1 st Venezuelan Symposium of the Davis-Thompson Foundation and Latin Comparative Pathology Group.

SEMINAR REVIEWS



Organizers and speakers of the 1st Venezuelan International Symposium of Veterinary Medicine: Clinico-pathologic approach to mammary neoplasia in dogs and cats, and the 1st Venezuelan Symposium of the Davis-Thompson Foundation and Latin Comparative Pathology Group. Left to right: Claudio Barros, Luis Ruiz, Nyurky Matheus, Alejandro Cervantes, Ysabel Márquez, Yaritza Salas, Laura Romero, María Forlano, Jose Angulo, Rebeca Reyes, Oswaldo Parilli.

SEMINAR SERIES IN SPANISH I



Davis-Thompson
Foundation



**Seminarios virtuales en castellano
de la Fundación Davis-Thompson
y el Grupo Latino de Patología
Comparada 2023**

09 de Noviembre

11:00 am-12:30 pm CDT

Enterotoxemia en rumiantes



Federico Giannitti, DVM, Esp.

[Click here to register](#)

GROSS SEMINARS ABPV & DTF

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UNIVERSITY OF
FLORIDA



DR. JOÃO CAVASIN
TEXAS A&M
UNIVERSITY



**DRA. INGEBORG
LANGOHR**
SANOFI

15 SETEMBRO
2023

 18:00H -
19:00H

13 OUTUBRO
2023

 19:00H -
20:00H

10 NOVEMBRO
2023

 19:00H -
20:00H

08 DEZEMBRO
2023

 19:00H -
20:00H

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NECROPSY COURSE



Davis-Thompson
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ECFVG CPE PREP NECROPSY COURSE

Prepare for the necropsy portion
of the ECFVG's CPE exam with
Veterinary Pathologists



Rafaela De Negri
DVM, MSc

Nathan Helgert
VMD, DACVP

Demonstration

Hands-on practice

Mock exam

DATE 
11-12 NOVEMBER 2023

TIME 
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SEMINAR SERIES IN PORTUGUESE I



The poster features a dark teal background with a stylized map of South America in the top left. Logos for the Davis-Thompson Foundation, the Associação Brasileira de Patologia Veterinária (ABPave), and the GLAG (Grupo Latino-Americano de Genética) are displayed. The title 'Seminar Series in Portuguese' is in large orange letters, followed by the date 'Quarta, 15 de Novembro, 2023' and the time '18:00-19:30 BST'. The main topic, 'Patologia de primatas neotropicais de vida livre', is written in large red letters. An image of a brown and white monkey swinging on a rope is positioned in the center. In the bottom left, a smaller image of a monkey is shown. On the right, a portrait of Ayisa Rodrigues, DVM, PhD, is featured. Her name and credentials are printed in white text over a dark blue background.

**Seminar Series
in Portuguese**
Quarta, 15 de Novembro, 2023
18:00-19:30 BST

**Patologia de primatas
neotropicais de vida livre**

Ayisa Rodrigues
DVM, PhD

[Click here to register](#)

SEMINAR SERIES IN SPANISH II





Seminar Series in Spanish

Toxicoinfecções e Intoxicações:

Enfermedades Clostridiales y Intoxicaciones por Plantas en Animales de Producción



FRANCISCO UZAL
DMV, MSC, PhD, DACVP
Universidad de California Davis



FRANKLIN RIET-CORREA
DMV, MSC, PhD, ACVP HONOR
Universidade Federal de Campina Grande



Viernes, 24 de noviembre de 2023



08:00 – 12:00



Anfiteatro de CEGOE, UFRPE, Pernambuco, Brazil



en persona

REGISTRO GRATUITO Y OBLIGATORIO

APOYO:



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GHPN WORKSHOP



Davis-Thompson
Foundation



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NOVEMBER 28-30, 2023

UNIVERSITY OF RWANDA

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Emmanuel Irimaso
DVM, MS



Richard Nduwayezu
MD, MGH



Sarah Corner
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Jean Bosco Noheri
DVM, MS, MBA



Ed Gabrielson
MD

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SEMINAR SERIES IN PORTUGUESE II



The poster features a dark teal background with a large, realistic image of a brown rabbit on the left and a smaller white mouse at the bottom left. On the right, there is a portrait of Ileana Miranda, a woman with long brown hair, wearing a dark blazer and a patterned scarf. The text is arranged in a clean, professional layout with various logos and a clear title.

 Davis-Thompson Foundation

 Associação Brasileira de Veterinária

 MAPA

Seminar Series in Portuguese

Quarta, 13 de Dezembro, 2023

18:00-19:30 BST

Neoplasias espontaneas em animais de laboratorio

Ileana Miranda
DVM, MSC, DACVP

[Click here to register](#)

GROSS PATHOLOGY COURSE IN NAIROBI

November 23, 2023



Davis-Thompson
Foundation

GROSS VETERINARY PATHOLOGY

DESCRIPTION AND TECHNIQUES

LINDEN CRAIG

DVM, PhD, DACVP



 in person

 Faculty of Veterinary Medicine | University of Nairobi

See our website
for more information

LATIN AMERICAN DESCRIPTIVE COURSE

 Davis-Thompson Foundation

Curso Descriptivo de Patología Veterinaria de América Latina, 2023

15 a 18 de Diciembre, 2023
9:00 - 17:00 CST


Ana Alcaraz
DVM, PhD, DACVP


Jey Koehler
DVM, PhD, DACVP


Patty Pesavento
DVM, PhD, DACVP

 **Escuela de Medicina y Cirugía Veterinaria**
San Francisco de Asís. Vázquez de Coronado, San José, Costa Rica

inscripción: U\$ 200



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BSTP CORNER

Notice of Future Meetings

38th Annual Scientific Meeting of the BSTP
Preclinical translatability and pathology of cell-based therapies
Date: 15th and 16th November 2023
Location: Verona, Italy

Cell therapy spans multiple therapeutic areas, such as regenerative medicine, immunotherapy, and cancer therapy. The meeting will focus on stem cell- and non-stem cell-based therapies, that are administered topically, as injectables, infusions, bioscaffolds, or scaffold-free systems. At the same time, it will address some of the challenges arising during the preclinical development of cell-based therapies with focus on disease modeling.

As well as giving an overview of this very broad field, the meeting will include real-world case histories, many exemplifying the contribution of pathologists either in demonstrating efficacy or in assessing potential safety issues. In addition, the program includes discussion of risk-benefit analysis approaches, regulatory considerations, and the impact of combinations of cells and devices. A round table discussion of invited experts in the field will take place during the meeting at which specific topics can be examined in more detail.

For up-to-date information, visit - <https://www.bstp.org.uk/events/38th-annual-scientific-meeting-of-the-bstp/>

Webinars 2023

Working with the STP, the BSTP will organise three webinars which will take place in 2023 - registration to take part in the webinars will be free with the dial in details provided one week before.

The BSTP also work with the ESTP/SFTP/ECVP/ESVP to organise a number of webinars through the year.

Keep checking <https://www.bstp.org.uk/events/bstp-webinars/> for more details.

Future BSTP events are due to take place as follows:

15th & 16th November 2023

38th Annual Scientific Meeting & AGM

February/March 2024
July 2024

CES 9 - Gastrointestinal System
CES 10 - Urinary System

November 2024
 March 2025
 July 2025
 November 2025
 March 2026
 July 2026
 November 2026

39th Annual Scientific Meeting & AGM
 CES 11 - Cardiovascular System
 CES 12 - Endocrine System
 40th Annual Scientific Meeting & AGM
 CES 13 - Lymphoid & Haematopoietic Systems
 CES 14 - Musculoskeletal System & Skin
 41st Annual Scientific Meeting & AGM

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 more information on any events organised by the BSTP, please contact the BSTP Secretariat - bstpsecretariat@gmail.com or check out the website - <https://www.bstp.org.uk/bstp-events/>

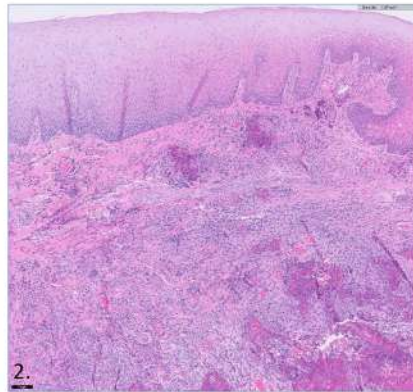


For registration and more information about the events, visit the BSTP website:
<https://www.bstp.org.uk/events/bstp-events/>

IDEXX CASECONNEX CORNER

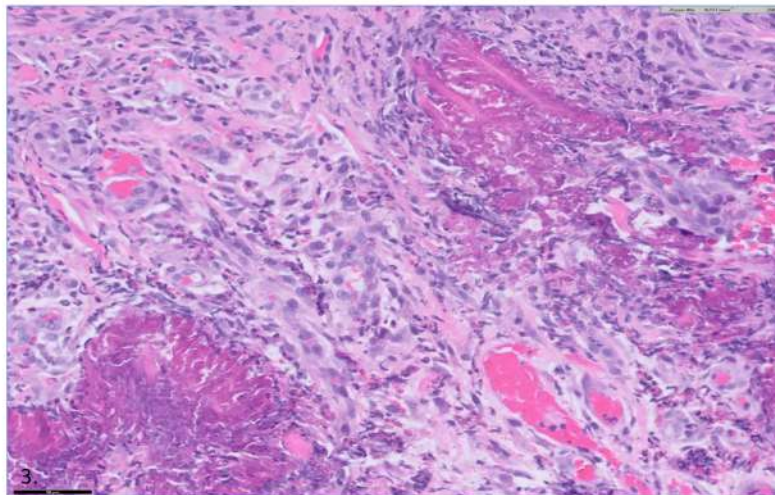
Signalment: 1-year-old, female, mixed breed dog

Source/ History: Incisional biopsies from an oral ulcerated growth on the mandible.



Figures 1 and 2. (2X magnification and 10X magnification, H&E stain) The submucosa is expanded and replaced by multifocal to coalescing regions of inflammation and reactive fibroplasia surrounding variably sized foci of brightly eosinophilic material.

Figure 3. (40X magnification, H&E stain). The inflammation is composed of predominately eosinophils and histiocytes admixed with fewer lymphocytes and occasional plasma cells. The inflammation often surrounds variably sized foci of brightly eosinophilic material composed of presumed degenerate collagen bundles (collagenolysis) and degranulated eosinophilic material.



MICROSCOPIC DESCRIPTION:

Expanding the submucosa is a nodular to locally extensive region of inflammation and reactive fibroplasia. The inflammation is composed of predominately eosinophils and histiocytes, with a few scattered multinucleated giant cells, and small numbers of lymphocytes and plasma cells. Multifocally, the eosinophils and histiocytes surround variably sized aggregates of brightly eosinophilic material associated with degenerate appearing collagen fibers (collagenolysis). The mucosa is mildly hyperplastic and segmentally ulcerated.

INTERPRETATION:

Moderate, multifocal to coalescing, eosinophilic and histiocytic stomatitis with flame figures, reactive fibroplasia, and ulceration

COMMENTS:

Histologic examination of the submitted incisional biopsies revealed an eosinophilic and histiocytic inflammatory process with flame figures, compatible with an eosinophilic granuloma lesion. A Grocott methenamine silver stain (GMS) was performed and was negative.

Eosinophilic granuloma complex is a general umbrella term that refers to a variety of cutaneous, mucocutaneous, and oral cavity lesions. In dogs, lesions are typically referred to as eosinophilic stomatitis or eosinophilic granuloma and represent an idiopathic condition of eosinophil proliferation, which often exists independently of cutaneous eosinophilic granuloma. The two forms may coexist in some animals.

Oral eosinophilic granuloma lesions can be plaques or nodules and are often ulcerated. In dogs, lesions are most commonly located on the palate and tongue, with less frequent involvement of other oral locations. Lesions may have a familial/hereditary basis particularly in Siberian Huskies and Cavalier King Charles Spaniels. In one report (Mendelsohn et al; 2019), palatal and tongue lesions were more likely in smaller dogs, whereas lesions in other oral locations (lip or mucosa) were more likely in larger dogs.

References: Bredal WP et al. Oral eosinophilic granuloma in three cavalier King Charles spaniels. J Small Anim Pract. 1996 Oct;37(10):499-504; Mendelsohn D et al. Clinicopathological Features, Risk Factors and Predispositions, and Response to Treatment of Eosinophilic Oral Disease in 24 Dogs (2000-2016). Journal of Veterinary Dentistry. 2019;36(1):25-31; Muller & Kirk's Small Animal Dermatology, 7th ed., pp. 707-8, 715-6, 2013

LCPG CORNER

LCPG & DTF ACTIVITIES IN LATIN AMERICA

Country	Name of Seminar	Dates	Place/University	Speakers	Organizers
Argentina	XIII RAPAVE/17° Argentinean Seminar of C.L. Davis - S.W. Thompson Foundation.		Facultad de Ciencias Agrarias y Veterinarias, Universidad Católica de Salta	Fernando Dutra David Driemeier, Francisco Uzal	Juan Micheloud
Brazil	Brazilian Symposium of the C.L. Davis - S.W. Thompson Foundation and National Pathology Meeting - ENAPAVE		João Pessoa, Paraíba, - venue to be determined	Raquel Rech	ABPV (Associação Brasileira de Patologia Veterinária)
	Latin American ROADSHOW of the C.L. Davis - S.W. Thompson Foundation (Brazil, Chile, Mexico, Peru)		UnB, Brasília	Marti Pumarola	Francisco Carvalho, Francisco Uzal
Chile	Latin American ROADSHOW of the C.L. Davis - S.W. Thompson Foundation (Brazil, Chile, Mexico, Peru)	Nov 3-4	Universidad Andrés Bello campus casona Las Condes, Santiago	Marti Pumarola	Francisco Carvalho, Francisco Uzal
	7th Chilean meeting of veterinary histopathology	Nov 3-4	Universidad Andrés Bello campus casona Las Condes, Santiago	Marti Pumarola	Carlos Flores
México	Latin American ROADSHOW of the C.L. Davis - S.W. Thompson Foundation (Brazil, Chile, Mexico, Peru)		FMVZ UNAM, Mexico city	Marti Pumarola	Francisco Carvalho, Francisco Uzal
Costa Rica	Descriptive Veterinary Pathology Course (Spanish version)		Universidad Veritas, Heredia	Jey Koehler, Ana Alcaraz, Patty Pesavento	Roberto Olivares
Guatemala	Workshop on pathology and mechanisms of diseases / IV Seminar of C.L. Davis - S.W. Thompson Foundation		Universidad San Carlos de Guatemala, Guatemala City	Corrie Brown, Javier Asin, Francisco Carvalho	Deborah Rodriguez
Nicaragua	1st Nicaraguan meeting of the C.L. Davis - S.W. Thompson Foundation		Laboratorio de Morfología, Universidad de Ciencias Comerciales, Managua	Francisco Carvalho, Guillermo Rimoldi	Jose Lara, Cristina Toledo
Perú	Latin American ROADSHOW of the C.L. Davis - S.W. Thompson Foundation (Brazil, Chile, Mexico, Peru)	Oct 31-Nov 1	FMV-UNMSM, Lima	Marti Pumarola	Francisco Carvalho, Francisco Uzal
Uruguay	9th Uruguayan seminar of the C.L. Davis - S.W. Thompson Foundation		Facultad de Veterinaria, Universidad de la República, Montevideo	Susan Stover, Laura Peña	José Manuel Verdes, Federico Giannitti, Carolina Matto, Fernando Dutra
	Necropsy and gross pathology workshop of the C.L. Davis - S.W. Thompson Foundation and 50th Uruguayan Buiatrics Meeting		Estación Experimental Dr. Mario A. Cassinoni, Facultad de Agronomía, Paysandú	Carolina Matto, Franklin Riet Correa, Fernando Dutra, Rodolfo Rivero, Jose Manuel Verdes, Lourdes Adrien, Francisco Uzal	Adrien Lourdes

LCPG CORNER



RONDAS DE HISTOPATOLOGÍA DEL LCPG 2023 10:30 - 11:30 CT



Davis-Thompson
Foundation

Agosto



Casos variados de sistema gastrointestinal

Francisco Uzal, DVM, MSC, PhD, DACVP

in Spanish!



Setembro



Casos variados de animais de laboratório

Ileana Miranda, DVM, MSC, DACVP

in Portuguese!

Octubre



Enfermedades del Sistema Reproductivo en vacas

Melissa Macias, DVM, MSC, PhD, DACVP

in Spanish!

Novembro

16



Casos variados

Rafaela De Negri, DVM, MSc

in Portuguese!

Diciembre

21



Selección de casos de enfermedades emergentes de peces de agua dulce.

**Paola Barato, DVM, PhD in Biotechnology
and specialization in aquaculture**

in Spanish!

**Click here to register
for individual seminars**

LCPG CORNER

The Latin Comparative Pathology Group congratulates its members **Dr. Roberto Olivares**, **Dr. Karina Fresneda**, **Dr. Nicolas Streitenberger** (All three from Argentina) and **Dr. Cleide Sprohnle-Barrera** (From Chile) for approving the 2023 American College of Veterinary Pathologists exam. Dr. Olivares did his training at the University of Buenos Aires and at CAHFS San Bernardino (the latter remotely). Dr. Fresneda and Dr. Streitenberger did full anatomic pathology residencies at CAHFS San Bernardino. Dr. Sprohnle-Barrera did her training at the University of Queensland (Australia). Please join us celebrating the new ACVP diplomates, we sincerely wish them the best in their future career in veterinary pathology.



LCPG CORNER

Presentación de casos relevantes de diagnóstico en bovinos

Coordinador: Germán Cantón
Servicio de Diagnóstico Veterinario Especializado INTA Balcarce

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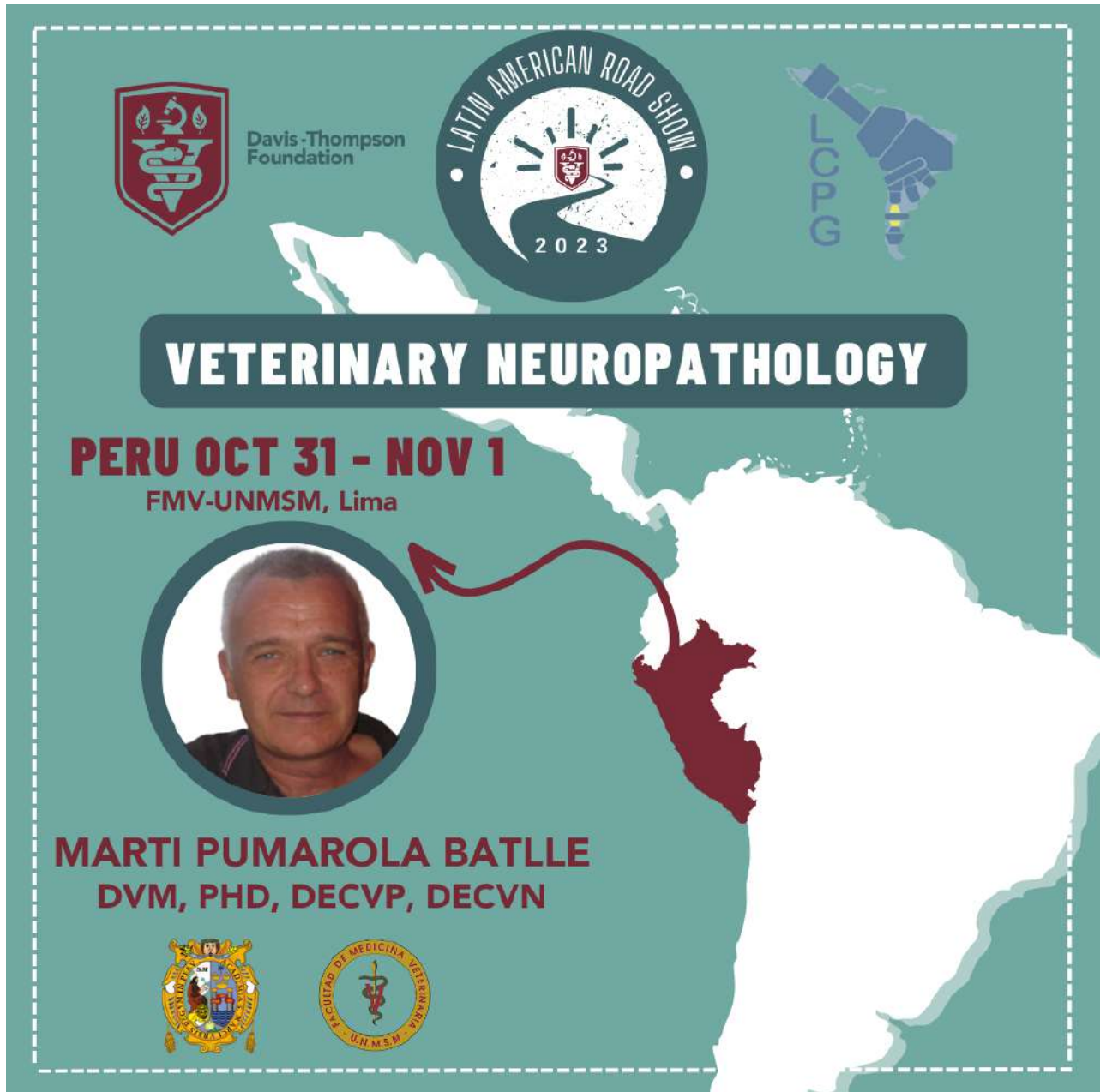
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 LATIN AMERICAN ROAD SHOW
2023

 LCPG

VETERINARY NEUROPATHOLOGY

PERU OCT 31 - NOV 1
FMV-UNMSM, Lima

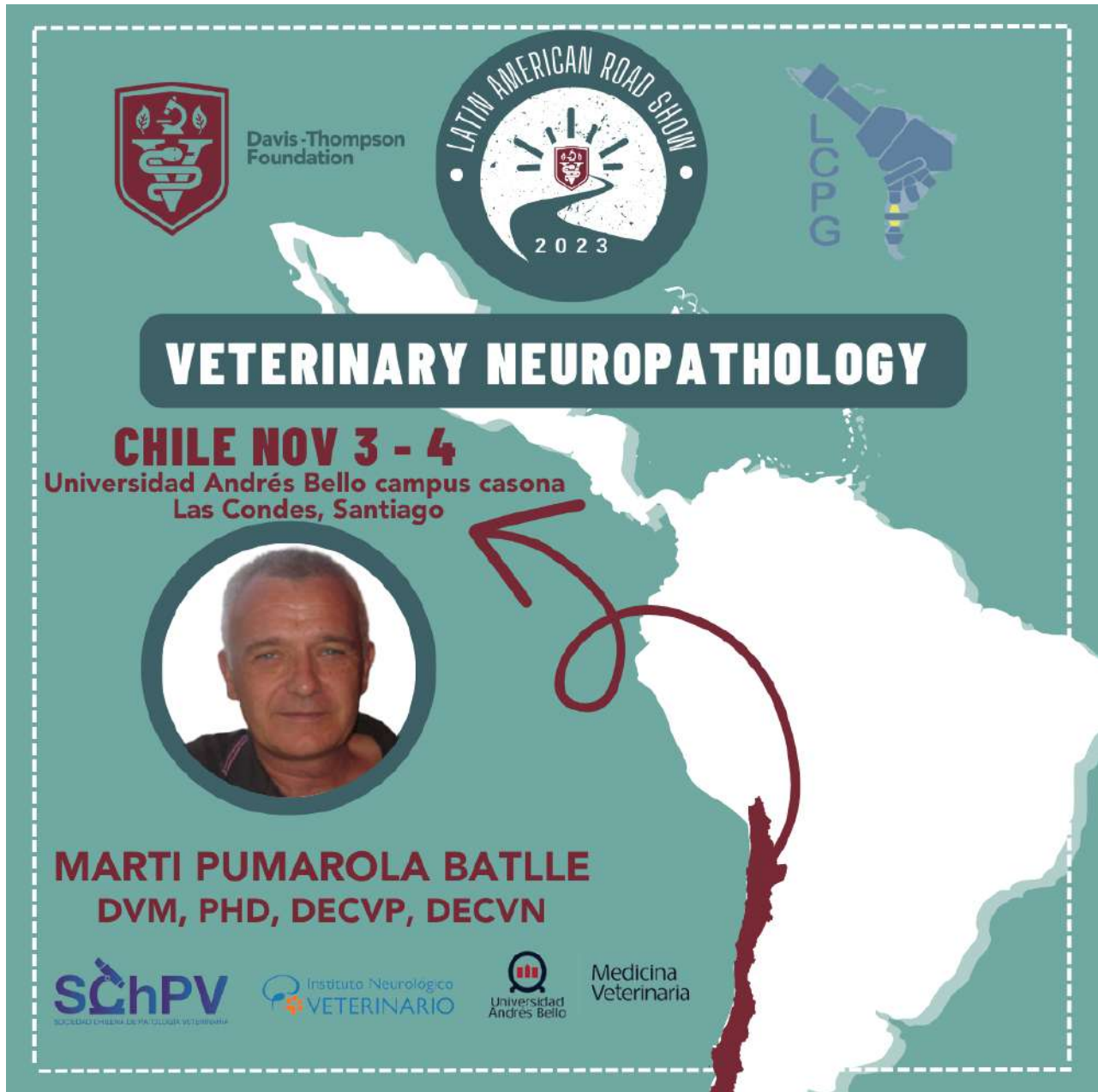


MARTI PUMAROLA BATLLE
DVM, PHD, DECVP, DECVN

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 LATIN AMERICAN ROAD SHOW
2023

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VETERINARY NEUROPATHOLOGY

CHILE NOV 3 - 4
Universidad Andrés Bello campus casona
Las Condes, Santiago



MARTI PUMAROLA BATLLE
DVM, PHD, DECVP, DECVN

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LCPG CORNER



tema principal:

Neuropatología

LUGAR: UNAB

3 Y 4 DE NOVIEMBRE DE 2023

CAMPUS CASONA FERNÁNDEZ CONCHA 700, LAS CONDES

VII REUNIÓN CHILENA HISTOPATOLOGÍA VETERINARIA



invitado internacional

Dr. Martí Pumarola Batlle

PhD, DECVP Universitat Autònoma de Barcelona

Patólogo veterinario. Catedrático del Departamento de Medicina y Cirugía Animal de la UAB. Diagnóstico de enfermedades nerviosas en la Unidad de Patología Murina y Comparada. Investigación en enfermedades neurológicas infecciosas, priones, envejecimiento neurodegeneración y neurotoxicología.

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inscripcionespatologiaveterina@gmail.com

(Hasta el 31 de octubre 2023)

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BIOIMAGING CHILE



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ANIMALAB
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LCPG CORNER



Become a member of the Latin Comparative Pathology Group

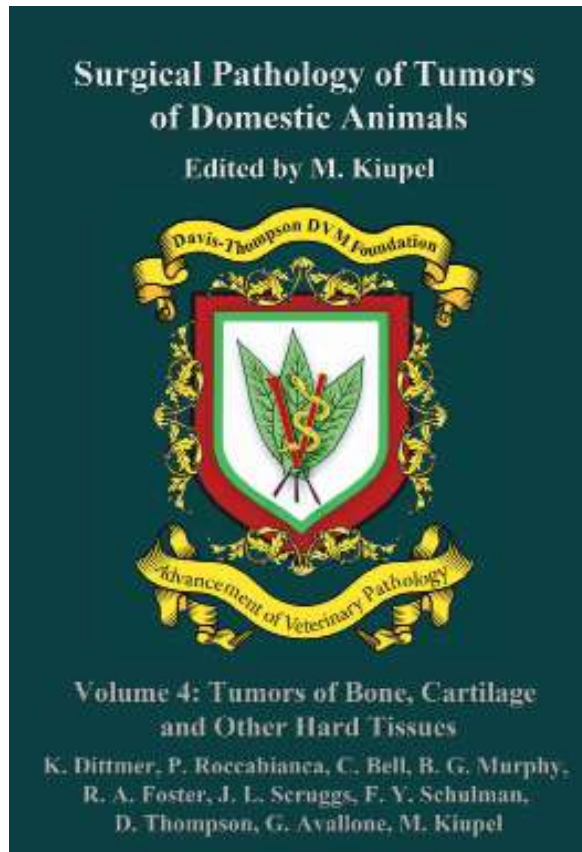
LCPG:

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

The graphic includes a central map of Latin America with a purple and blue color scheme. Surrounding the map are four circular images: a cow with a red tumor, a cat with a red tumor, a microscope slide showing purple-stained cells, and a photograph of a seminar with people seated in a room. The LCPG logo is in the top left corner.

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information about
how to become a
member

MISCELLANEOUS ANNOUNCEMENTS



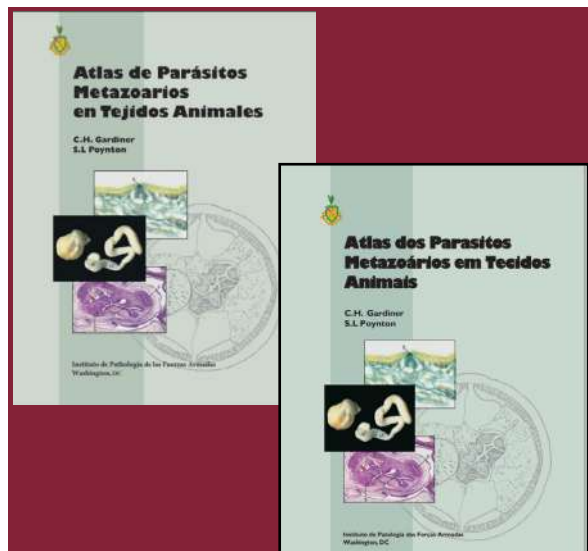
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Davis-Thompson Foundation Pathology Externship

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; 501-912-1449.



Atlas De Parasitos Metazoarios En Tejidos Animales and Atlas dos parasitos metazoários em tecidos animais - [Click Here](#) to Get a Digital Download!



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NOVEMBER 2023