



**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

December

VOL. 54



What is a common cause of necrohemorrhagic colitis in non-human primates?

- A. *Rhodococcus equi*
- B. *Mycobacterium avium*
- C. *Helicobacter pylori*
- D. *Shigella* spp.

INSIDE THIS ISSUE

Monthly cover photograph winner:

Anne Lewis, DVM, PhD, DACVP

Oregon National Primate Research Center, Oregon Health and Science University

Answer: **D. *Shigella* spp.**

Rhesus macaque. Multifocal to coalescing, acute necroulcerative colitis with mesenteric lymph node edema and congestion. Cause *Shigella flexneri*.

-Dr. Katherine D. Watson - Cover Image Editor

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

- | | | | |
|-----------|-------------------------|-----------|--------------------------|
| 3 | Message from the CEO | 32 | Rondas de Histopatologia |
| 4 | JVDI in Focus | 33 | Gen Path Course |
| 6 | Diagnostic Exercise | 34 | Western Round Robin Case |
| 8 | Awards Ceremony | 37 | ASVP Corner |
| 19 | Latin American Roadshow | 38 | IDEXX CaseConnexx Corner |
| 27 | ACVP Pre-Meeting Review | 39 | LCPG Corner |
| 29 | Necropsy Course | 49 | GHPN Scholarships |
| 30 | Seminarios Macro ABVP | 51 | Miscellaneous |
| 31 | Ghana GHPN Workshop | | |

CEO & CHAIRMAN OF THE BOARD

FRANCISCO A. UZAL, DVM, MSc, PhD

PRESIDENT

JEY KOEHLER, DVM, PhD

TREASURER

BRUCE H. WILLIAMS, DVM

BOARD MEMBERS

ASIN, JAVIER

AUTRAN, RACHEL

BRAYTON, CORY

BRICE, ANGELA

BRITT, JAMES

CARREIRA, VINICIUS

CARVALLO, FRANCISCO

CHAPMAN, JENNIFER

CORBIN, EMILY

CRAIG, LINDEN

DARK, MICHAEL

DE NEGRI, RAFAELA

DEL PIERO, FABIO

DOLENSEK, TAMARA

FIDDES, KELSEY

GENDRON-FITZPATRICK, ANNETTE

JEONG, KYU-SHIK

LANGOHR, INGEBOURG

LOMBARDINI, ERIC

LYLE, TIFFANY

MCINNES, ELIZABETH

MCNAMARA, TRACEY S.

MÍRA, MÁNDOKI

OJOK, LONZY

PESAVENTO, PATTY

PRIESTNALL, SIMON

RAC, VLADISLAVA S.

ROSS, TONY

SLAOUI, MOHAMED

STROMBERG, PAUL

ZADOK, RUBEN

MESSAGE FROM THE CEO

Dear colleagues,

I am proud to share with you the December issue of the Davis-Thompson Foundation Newsletter, once again, masterfully prepared by our Managing Editors, Javier Asin and Jeann Leal. Thank you, Javier and Jeann!

This is a particularly large issue, with a huge amount of information on recent and future activities of the Foundation.

The first order is to congratulate all the trainees and pathologists who received awards during the DTF Award Ceremony at the recent ACVP annual meeting in Seattle. Well done everyone! And special thanks to our volunteers who organized such a wonderful reception!

Continuing with the ACVP meeting, the Foundation had, as usual, a very strong presence during the conference, and provided a robust list of training and network opportunities for everyone. This included, but was not limited to, the Pre-Meeting workshop on Gastrointestinal Tumors, the two half days of the face-to-face session of the outstanding Foundations of Pathology course, the Scientific session of the Latin Comparative Pathology Group, the meeting of the Board of Directors of the Foundation and much more.

And once again, all these activities were organized and carried out by our outstanding volunteers. Please remember to say thank you every time you meet with one of them.

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

Warm regards.

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



JVDI IN FOCUS

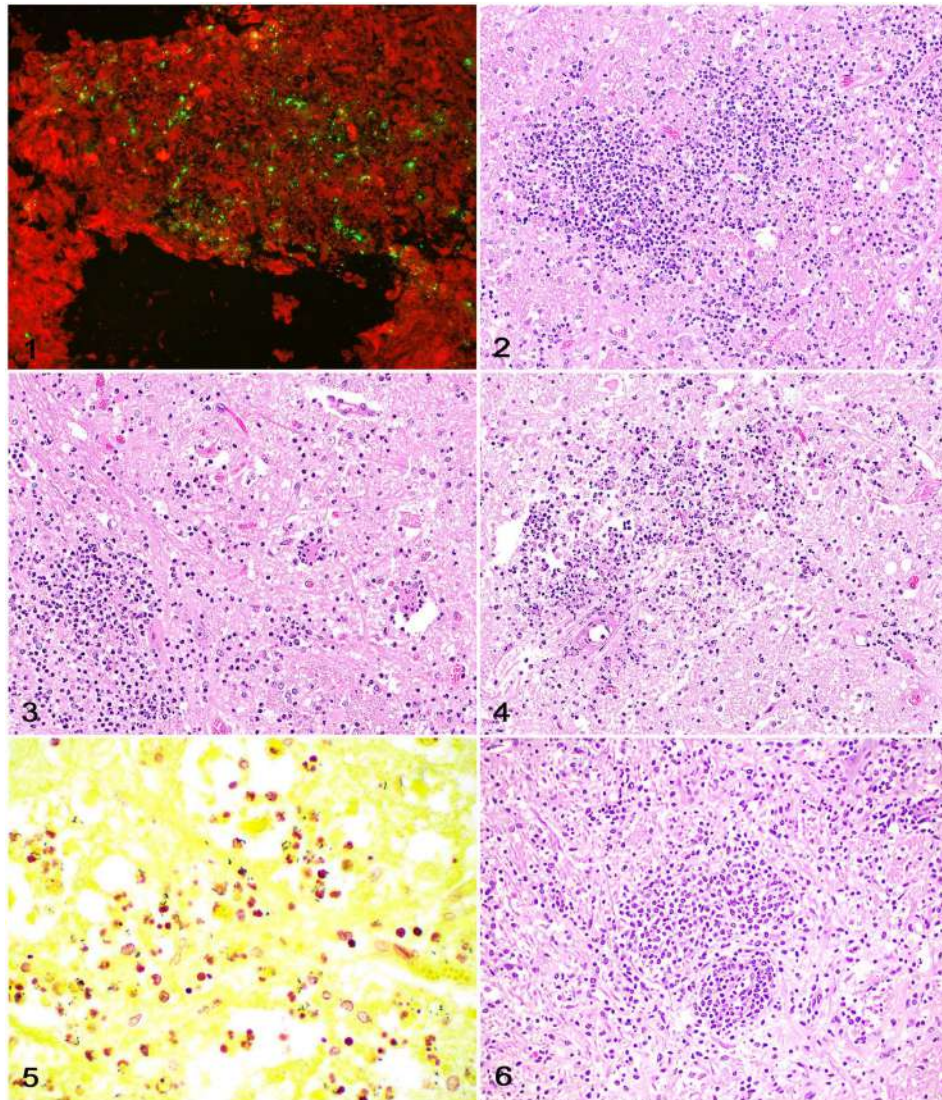
Our December focus is an article appearing in the November issue: **“Comparison of fluorescent antibody test, immunohistochemistry, and PCR testing for diagnostic confirmation of neurolisteriosis in 25 goats”** by Daniel R. Rissi, Amy S. McKinney, Jillian D. Fishburn, Ricardo E. Mendes, Binu T. Velayudha

J Vet Diagn Invest 2024;36(6). <https://journals.sagepub.com/doi/abs/10.1177/10406387241273426>

Neurolisteriosis, a common disease of small ruminants, is most often caused by *Listeria monocytogenes*. Here we describe 25 cases of caprine neurolisteriosis diagnosed in our laboratory over a 5-y period and compare our fluorescent antibody test (FAT) results with immunohistochemistry (IHC) and polymerase chain reaction (PCR) testing for diagnostic confirmation. Neurohistologic changes consistent with neurolisteriosis affected the pons in all cases, extending rostrally to the mesencephalon in 6 cases, caudally to the medulla oblongata in 6 cases, and/or dorsally to the cerebellum in 4 cases. Acute inflammatory changes were observed in 17 cases, and included neuroparenchymal microabscesses, neuronal necrosis and neuronophagia, axonal swelling, microgliosis and astrogliosis, and perivascular neutrophils with macrophages, lymphocytes, and plasma cells that occasionally extended to the leptomeninges. Subacute-to-chronic changes (8 cases) consisted of neuroparenchymal and perivascular clusters of macrophages with rare neutrophils, lymphocytes, and plasma cells admixed with glial nodules. Bacterial bacilli were observed within neutrophils or macrophages in H&E-stained tissue sections in 4 cases. Gram stain highlighted gram-positive bacilli in 13 cases. Neurolisteriosis was confirmed by FAT in 2 cases, by IHC in 19 cases, and by PCR in 20 cases.

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.

JVDI IN FOCUS



Figures 1–6. Neuroleptospirosis in goats. **Figure 1.** Strong antigenic labeling using fluorescent antibody test for *Listeria* spp. in case 2. **Figure 2.** Acute inflammatory changes consisting of neuroparenchymal clusters of neutrophils (microabscesses) in the pons in case 3. H&E. **Figure 3.** Acute neuronal necrosis and neurophagia in case 3. H&E. **Figure 4.** Acute inflammation consisting of perivascular clusters of neutrophils and foamy macrophages surrounding a blood vessel with fibrinoid change in case 3. H&E. **Figure 5.** Occasional gram-positive bacilli within the cytoplasm of neutrophils. Gram stain. **Figure 6.** Subacute-to-chronic inflammation consisting of neuroparenchymal and perivascular clusters of macrophages with rare neutrophils, lymphocytes, and plasma cells in case 19. H&E.

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 #: 247; **Month:** October; **Year:** 2024

Contributors: Bethânia S. Santos¹, Ricardo A.A. de Lemos², and Daniel R. Rissi³

¹Graduate Program in Veterinary Science, ²Laboratory of Anatomic Pathology, School of Veterinary Medicine and Animal Sciences, Federal University of Mato Grosso do Sul, Campo Grande, MS, Brazil. ³Athens Veterinary Diagnostic Laboratory, Department of Pathology, College of Veterinary Medicine, University of Georgia, Athens GA, USA

Corresponding author: rissi@uga.edu

Clinical History: A 6-month-old male Red Angus calf from São Vicente do Sul, Rio Grande do Sul (Brazil) died in August 2004 after an 8-day history of anorexia, dullness, blindness, aimless walking, and circling. The calf was part of a herd of 300 calves that had been weaned and placed on an oat pasture 20 days before the onset of clinical signs. Two additional calves had similar clinical signs and died during the same period.

Autopsy findings: Gross findings were restricted to the brain (Figs. 1, 2). There was widespread hyperemia of leptomeningeal vessels. The frontal telencephalic cortex was partially collapsed and distinctly depressed, with flattening of gyri, narrowing of sulci (edema), and dark red areas of hemorrhage.



Figure 1. Brain, calf.



DIAGNOSTIC EXERCISE



Figure 2. Brain, calf.

Follow-up questions:

- *Most likely differential diagnoses*
- *Morphologic diagnosis*
- *Cause*
- *Diagnostic confirmation*

[Click here for answers](#)

The Diagnostic Exercises are an initiative of the Latin Comparative Pathology Group (LCPG), the Latin American subdivision of The Davis-Thompson Foundation (DTF). 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 DTF website (<https://davis-thompsonfoundation.org/diagnostic-exercise/>)

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

AWARDS CEREMONY

The 2024 Davis-Thompson Foundation Awards Ceremony took place on November 18, 2024 in Seattle, Washington, during the ACVP-ASVCP meeting. Thank you, Drs. Annette Gendron-Fitzpatrick and Clara Cole, from the Awards Division, for all your effort to make the awards possible. And, of course, congratulations to all the awardees!



PATHOLOGY TRAINEE AND SCHOLARSHIP AWARDS

*Award
Ceremony
2024*

Luan Henker	Auburn University
Jacqueline Minger	Bronson Animal Disease Diagnostic Laboratory
Patrice Witschen	Colorado State University
Jaspreet Kaur	Cornell University
Lisa Uhl	Iowa State University
Ashleigh Shoemaker	Johns Hopkins University
Emily Swan	The Joint Pathology Center
Katherine Bauer	Kansas State University
Nadia Kelly	Louisiana State University
Allison Gerras	Michigan State University
Annalise Black	Midwestern University
Amelia Andersson	Mississippi State University
Nina Randolph	The Ohio State University
Alys Harshbarger	Oklahoma State University
Samantha Polk	Oregon State University
Zi-An Yu	Purdue University
Elizabeth Hines	Texas A&M University
Anna Flocken	Tufts University
Maya Schlesinger	University of California, Davis
Varvara Semenova	University of Florida
Megan Corbett	University of Georgia
Katy Morrison	University of Guelph
Lydia Hall	University of Illinois at Urbana-Champaign
Caylie Hake	University of Minnesota
Sidney Bogue	University of Missouri
Annie Bédard	Université de Montréal
Nathan Fanzone	University of Pennsylvania
Kylie Pon	University of Saskatchewan
Lisa Neufang	University of Tennessee
Kelsey Brown	University of Wisconsin-Madison
Christina Pacholec	Virginia Polytechnic Institute
Amanda Duggan	Wake Forest University
Colleen Lynch	Washington State University

AWARDS CEREMONY



*Award
Ceremony
2024*



BRUCE WILLIAMS AWARD

JEY KOEHLER

Jey Koehler is the Tyler and Frances Young endowed professor in the department of Pathobiology in the Auburn University College of Veterinary Medicine, where she lectures in endocrine and nervous system pathology, teaches graduate courses in neuropathology and tumor pathology, serves as the section head for the surgical biopsy service and the faculty supervisor for the histopathology lab. She also maintains active primary and collaborative research programs in the areas of canine neuro-oncology, novel neurodevelopmental disorders, and large animal models of AAV-vectored gene therapy for lysosomal storage diseases. Since 2021 she has been President of the Foundation, and since 2016 the director of the Descriptive Veterinary Pathology course, newly transformed this year into the Foundations of Pathology course. She began lecturing for the Foundation in the Gross Morbid Pathology of Domestic Animals course in 2013, then participated in two DVP courses prior to becoming director. Since 2016, she has delivered 15 DVP courses in locations all across the US as well as London, Brisbane, Budapest, Sydney, Belo Horizonte Brazil, San Jose Costa Rica, and Valencia, plus three courses delivered virtually during the pandemic. All in all, she has logged about 50,000 flight miles traveling to deliver lectures and courses for the Foundation. Jey says the best part of traveling is getting to meet all the smart, funny, creative, persistent, brave, and dedicated trainees all over the world, many of whom have overcome incredible obstacles to pursue their love of pathology. She is super proud of the glow-up she helped give the Foundation's website and logo, which helps us advance our teaching mission even more effectively and reach eager eyes and ears in 120 countries. She invites all of you to remember that to have a friend you have to be a friend, and to have a Foundation we all have to volunteer! So do it!

AWARDS CEREMONY



*Award
Ceremony
2024*



BARBARA JEAN THOMPSON SERVICE AWARD

TAMARA DOLENŠEK

Tamara graduated at the Veterinary Faculty, University of Ljubljana, Slovenia in 2013 and initially started her career as a small animal practitioner in a first opinion clinic. After a year in practice, she returned to the Veterinary Faculty in Ljubljana as a Teaching Assistant in Pathology. There she was involved with teaching undergraduate students, research work and diagnostic pathology services for 5 years. In June 2020 she moved to London to start a residency in Veterinary Anatomic Pathology at the Royal Veterinary College (RVC). She successfully obtained a postgraduate Master of Veterinary Medicine (MVetMed) at RVC in June 2023, became a Diplomate of the American College of Veterinary Pathologists (Diplomate ACVP) in the fall and returned to the Veterinary Faculty in Ljubljana. Her main fields of interest are oral pathology and neoplastic diseases in companion animals. Tamara aims to organise Annual Davis-Thompson events in a different Eastern European country each year and therefore expand the amazing work of the Davis-Thompson Foundation into these regions.

AWARDS CEREMONY



*Award
Ceremony
2024*



BARBARA JEAN THOMPSON SERVICE AWARD

PETER EGUIA

Peter is a laboratory animal veterinarian who has previously worked as an Animal Welfare Officer and Training and Education Officer for Laboratory Animals at a medical school in Hong Kong. He attended the University of the Philippines for veterinary school and completed two master's programs specializing in laboratory animal science at the Universitat Aut3noma de Barcelona. He recently left his job in Hong Kong to continue his lab animal residency in Switzerland. He has a particular interest in laboratory animal medicine and welfare and plans to pursue a residency in anatomic pathology once he completes his lab animal residency. He has been a volunteer for the Foundation since 2021 and has been the contact person for the Certificates team.

AWARDS CEREMONY



*Award
Ceremony
2024*



SOUTHCENTRAL DIVISION SERVICE AWARD

JAMES O. BRITT

Jim got his DVM from University of Missouri in 1974 and MS from University of Southern California in 1982 as well as a veterinary pathology certification in that year while working for Los Angeles County Veterinary Services for 10 years. He was on active duty in the USAF Veterinary Corps for 2 years after graduation and retired from the US Army Veterinary Corps Reserves. He is also retired after 25 years with Arkansas Department of Agriculture Diagnostic Lab in Little Rock but continued to work part time for another 10 years. Jim continues to serve on the Davis Thompson Foundation Board and with the Southcentral Division, Veterinary Student Externship Program and is our coordinator with American Association of Veterinary State Boards for C.E. credit for our meetings. He now stays busy with bicycling and Boy Scouts and continues to live in Little Rock, Arkansas.

AWARDS CEREMONY



*Award
Ceremony
2024*



SOUTHCENTRAL DIVISION SERVICE AWARD

EDWARD J. DICK JR.

Dr. Edward J. Dick, Jr., DVM, is a board-certified veterinary pathologist with over 35 years of experience. He directs the Pathology Core at the Southwest National Primate Research Center (SNPRC), located at Texas Biomedical Research Institute in San Antonio. SNPRC is one of seven federally supported national primate research centers in the nation. The Pathology Core provides diagnostic support to SNPRC's baboon, rhesus macaque and marmoset breeding colonies, as well as research support to a variety of studies, predominantly involving infectious disease, biocontainment research and developmental programming. A native of San Antonio, Dr. Dick received his DVM at Texas A&M University, and served 20 years in the U. S. Army, starting as post veterinarian at Fort Monroe, Virginia and then as Officer in Charge, 106th Medical Detachment (Veterinary Services) Team D, Pusan, Republic of South Korea. He then completed a residency at the Armed Forces Institute of Pathology and the National Zoo, Smithsonian Institute in Washington D.C, becoming an ACVP diplomate in 1993. Dr. Dick served as the chief pathologist at several Army, Navy, and Air Force laboratories, eventually serving as the Deputy Director of the United States Army Institute of Surgical Research, where he retired from active duty. He earned the Expert Field Medical Badge and is a graduate of the U.S. Army Command and General Staff College and the Air War College. Dr. Dick served as the Co-director for the Southcentral Division Annual Meeting of the Davis-Thompson Foundation from 2013 through 2021 and serves on the Journal of Medical Primatology editorial board. He has greatly enjoyed the opportunity to work with and mentor many pre-veterinary students, veterinary students, and pathology residents over the years who are valued colleagues today

AWARDS CEREMONY



Award
Ceremony
2024

[Click here to read the paper](#)



VETERINARY PATHOLOGY JOURNAL AWARD

BERT DE JONGE

Hemorrhagic bowel syndrome in dairy cattle: Gross, histological, and microbiological characterization. *Vet Pathol* 2023 Mar;60(2):235-244. doi: 10.1177/03009858221143402.

In 2018, Bert De Jonge graduated with a master's degree in veterinary medicine with great distinction (Magna Cum Laude), specializing in companion animals. In September 2018, he started a position as academic assistant in the department of Veterinary Pathology of the faculty of Veterinary Medicine of Ghent University. During his first year, in collaboration with the University of Antwerp, he explored the potential occurrence of a human nephropathy (CINAC) in cattle. Later, the focus shifted to hemorrhagic bowel syndrome in cattle, where he concentrated on investigating the etiopathogenesis and epidemiology. This research received financial support from Veepeiler RUND. Bert De Jonge is the author and co-author of multiple scientific publications in national and international journals and has presented at several international conferences. In July 2024, he started a residency in veterinary anatomic pathology at the Royal Veterinary College.

AWARDS CEREMONY



*Award
Ceremony
2024*



Click here to
read the DE

BEST DIAGNOSTIC EXERCISE AWARD-1ST PLACE **CARLOS O. SCHILD**

Diagnostic Exercise #225, November 2022, *"Scapular fracture in a racehorse with a long career of uninterrupted intense exercise"*

Dr. Schild is a DVM who graduated from the Universidad Nacional del Litoral in Argentina. He completed his postgraduate degrees (Specialist in Animal Health, MSc, and PhD) in Argentina and Uruguay and has published 34 peer-reviewed papers in international scientific journals. The topic for his PhD was osteomalacia in cattle associated with phosphorus deficiency. During that period, he developed great interest in diseases that affect the musculoskeletal system. And as a consequence of that interest, he applied for and was accepted for the Musculoskeletal Pathology of Racehorses, 3-year Fellowship of the California Animal Health Food Safety (CAHFS) laboratory system of the University of California Davis, which he started in August 2022 under the supervision of Dr Francisco Uzal. As part of this program, they receive between 60 and 80 racehorses per year for postmortem examination from all racetracks in California. The focus of the program is to diagnose and study the musculoskeletal-related fatalities affecting California racehorses to understand and prevent them. They are in constant communication with the authorities of the California Horse Race Board, researchers, and pathologists working on the same topic. During his training, Dr. Schild has improved his knowledge of injuries and other diseases affecting the musculoskeletal system. In addition to the diagnostic work, he is developing a research project on tendon and ligament injuries that affect racehorses.

AWARDS CEREMONY



*Award
Ceremony
2024*



Click here to
read the DE

BEST DIAGNOSTIC EXERCISE AWARD- 2ND PLACE

★ **CLAUDIO S.L. BARROS**

Diagnostic Exercise #244, September 2024, "*Ovine enzootic calcinosis by ingestion of Nierembergia veitchii*"

Dr. Barros graduated as a veterinarian from the Federal University of Santa Maria (UFSM), RS, Brazil in 1969. From April 1971 to September 16, 2014, he was a professor in the Department of Pathology at UFSM.

During this period, he mainly taught veterinary pathology and diagnostic skills to veterinary undergraduate and graduate students in pathology. Although these activities covered all domestic species, livestock diseases have always been his area of most interest, and this is what most of his publications are about. After his retirement in 2014, he worked as a visiting professor at the Federal University of Mato Grosso do Sul (UFMS), performing activities like those developed at UFSM. Claudio S L Barros' contributions to veterinary pathology have been widely recognized. He is an honorary member of the ACVP, an Emeritus Member of the Brazilian Association of Veterinary Pathology (ABPV), and a recipient of the prestigious Paulo Dacorso Filho award, granted by the Federal Council of Veterinary Medicine of Brazil. This award is one of the highest distinctions given to veterinarians in Brazil, and it reflects the impact of his work in the field.

AWARDS CEREMONY



*Award
Ceremony
2024*

Click here to
read the DE



BEST DIAGNOSTIC EXERCISE AWARD- 3RD PLACE

CAROLINE S. SILVEIRA

Diagnostic Exercise #228, January 2024, "*Postpartum necrotizing endometritis in a goat*"

Caroline Silveira has a veterinary and master's degree in animal science from the Federal University of Pampa - Brazil, and a PhD in Animal Health from the University of the Republic - Uruguay. She is currently a Researcher in Veterinary Pathology at the Animal Health Research Platform (PSA) of the National Institute of Agricultural Research in Uruguay. Her line of research is related to the diagnosis of diseases in production animals and those that occur naturally in Uruguay and the development of a program to control bovine leukosis in the country. The PSA, where she works, is a group of laboratories that research topics related to health, mainly in ruminants and biotechnology. Dr. Alejo Menchaca currently coordinates it.

AWARDS CEREMONY



*Award
Ceremony
2024*



LCPG-ACVP TRAVEL AWARD

CARLOS A. FLORES OLIVARES

Dr. Carlos Flores Olivares received his veterinary degree from the Universidad Mayor in Santiago, Chile, and has been a member of the LCPG since 2017. Carlos also became a Specialist in Animal Production from the Universidad Nacional de Mar del Plata, Argentina and was a former resident in the specialized veterinary diagnostic service at INTA Balcarce. Carlos also earned his master's in veterinary and animal sciences from the Universidad de Chile in Santiago, Chile. Currently, Carlos works at the Universidad del Alba, La Serena, where he is involved in teaching, diagnostics, and research. He has a particular interest in comparative anatomy, and his goal is to become a certified pathologist.

LATIN AMERICAN ROADSHOW

DTF Latin American Roadshow 2024: A Word from the Speaker

What a fantastic trip it was, journeying through Latin America this year. As with every roadshow, there is an enormous amount of preparation, organization, lecturing and traveling involved, and months of planning condensed into just a few short weeks. This is only made possible with the hard work and dedication of a vast team of players. My sincere thanks to the organizers from all of the countries represented and to the LCPG members involved in getting the roadshow on the road.

The preparation and planning paid off, with excellent attendance everywhere we went. The degree of audience participation in the lecture series was also astounding. I was most impressed with how well the participants from all five countries responded to the interactive style of talks given. Regardless of their skill level or experience, they enthusiastically discussed and debated the information presented good-naturedly and with a strong sense of camaraderie, which made the lectures both informative and fun. It certainly made my job more rewarding.

Lastly, my wife, Sue-Ellen (who travelled with me), and I thank from the bottom of our hearts our hosts and their teams in Uruguay (José Verde), Argentina (Gabriela Postma, Andrea Shapira, and Leonardo Minatel), Paraguay (Leila Maidana and Mirtha Suarez), Colombia (Paola Barato and José Clavijo Hoyos) and Guatemala (Déborah Rodríguez) for their immeasurable kindness and generosity, and for making this the trip of a lifetime. We were treated like royalty in every country, and it was an absolute pleasure meeting and sharing scientific discussions, meals and excursions with the organizers and their staff and families and friends.

An enormous thank you to you all, and may we meet again soon.

Paco Uzal, 25/11/2024

LATIN AMERICAN ROADSHOW



Lunch at Lake Ypacaraí in Paraguay

DTF Latin American Roadshow 2024: Review by destinations

by Francisco Carvalho and local hosts

Wow! What a celebration! The 2024 Davis Thompson foundation roadshow traveled to 5 different countries this year. With the coordination of the Foundations' representative in each country and the dedication and hard work of Paco Uzal, our Guest Speaker and Davis-Thompson Foundation CEO, more than 500 attendees were able to access the most current information about gastrointestinal pathology, in a friendly, didactic and incredibly interactive environment, and all in Spanish! Thank you, Paco!!!

This is what happened...

LATIN AMERICAN ROADSHOW

Destination 1: Uruguay (Montevideo, October 21-22, hosted by Dr. José Manuel Verdes).

The 2nd Uruguayan Roadshow of the Davis Thompson Foundation was held at the Veterinary School of Universidad de la Republica (FVET), Montevideo, Uruguay. The meeting was organized by faculty of the Department of Pathology, FVET, with the sponsorship participation of the National Veterinary Academy, the National Veterinary Laboratories (DILAVE) “Miguel C. Rubino” MGAP, and the National Institute of Agricultural Research (INIA), and sponsored by the Davis Thompson Foundation and the Latin Comparative Pathology Group. The Organizing Committee was led by Prof Dr José Manuel Verdes, and included colleagues of FVET and the National Veterinary Laboratories (DILAVE) “Miguel C. Rubino” MGAP, and the National Institute of Agricultural Research (INIA), and sponsored by the Davis Thompson Foundation and the Latin Comparative Pathology Group. The roadshow was attended by an enthusiastic group of more than 100 participants, including pathologists, veterinary practitioners, scientists, lecturers, and undergraduate and postgraduate students from a number of local institutions. Prof. Francisco (Paco) Uzal, UC Davis School of Veterinary Medicine lectured on several aspects of Pathology of Alimentary System in domestic animals. This 2nd Uruguayan Roadshow received financial support from of the Davis Thompson Foundation and the Faculty of Veterinary, Universidad de la Republica.



LATIN AMERICAN ROADSHOW

Destination 2: Argentina (Buenos Aires, October 24-25, hosted by Dr. Gabriela Postma)

The Latin American Roadshow in Argentina was held in the Faculty of Veterinary Sciences of Buenos Aires University (UBA) on October 24 and 25, 2024. The meeting was organized by the Pathology Area of the Faculty of Veterinary Sciences (UBA) and provided a great opportunity to learn about pathology in the digestive system with Dr. Francisco “Paco” Uzal as the principal speaker. The first day we learned about the general lesions in the digestive tract, and then Paco gave us an excellent dissertation about biopsies in small animals, and in the afternoon, he talked about pathologies in horses. The second day, we had some lessons about diarrhea in calves, and a complete review of the pathologies of the digestive tract in bovines, pigs, small ruminants and small animals. The meeting provides a great climate to share experiences, to exchange ideas, and to train teachers and advanced students in digestive pathology. The seminar was attended by a total of 60 participants, including pathologists and professors from 10 different institutions (one from Chile), postgraduate students and private practitioners from Argentina. We all hope that this activity will continue in coming years with the mission to contribute to the advancement of veterinary and comparative pathology in Argentina. Thank you to all the participants and the Davis Thompson Foundation for this great experience!



LATIN AMERICAN ROADSHOW

Destination 3: Paraguay (Asuncion, October 28 and 29, hosted by. Dr. Mirtha Suarez)

The Latin American Roadshow in Paraguay was held in the Auditorium of the Faculty of Architecture, Design and Art of the National University of Asunción, on October 28 and 29, 2024. This event brought together more than 250 people, including veterinarians, teachers, researchers and national and international students, with the aim of continuing to learn and exchange knowledge, scientific and technological advances in Veterinary Pathology. The main talks were given by Professor Francisco Uzal, who during the two days spoke about the digestive system from different approaches, from anatomy to the most relevant pathologies of canines, felines, equines and ruminants, as well as the different diagnostic methods of the same. In addition, we had the participation of other speakers who presented general diseases in wild species, and other digestive diseases of national and border importance. These days of presentations offered a place for scientific encounters where participants presented various case reports and scientific research papers. More than 100 posters were presented for exhibition. This meeting helped us learn much more about pathology and further strengthened the interaction of students and veterinary doctors with science and research. We are immensely grateful to the Davis Thompson Foundation for this opportunity and experience, and we hope that these types of meetings continue in the coming years with the mission of contributing to the knowledge and progress of veterinary pathology in Paraguay.



LATIN AMERICAN ROADSHOW

Destination 4: Colombia (Barranquilla, November 1 and 2, hosted by Dr. Paola Barato)

The DTF-LCPG Latin American Roadshow in Colombia was co-organized by Fundación Universitaria San Martín (Prof. José Clavijo), Universidad Nacional de Colombia (Prof. Paula Esquinas), Universidad de Antioquia (Prof. Jenny Chaparro), Universidad Corhuila (Prof. Eduardo Castillo), Universidad de Nariño (Prof. Bolivar Lagos), Fundación Universitaria Juan de Castellanos (Profs. Natalia Cortés and Cesar Perez), ACPAVET, and CORPAVET (Paola Barato) on November 1 and 2, 2024 in Barranquilla, Atlántico, Colombia. The seminar was attended by a total of 189 participants, including pathologists, professors, postgraduate and veterinary medicine students from 20 different institutions, from Colombia, Venezuela, Panamá and Perú. It was a great opportunity to learn about pathology in digestive system with Professor Francisco “Paco” Uzal as the principal speaker and Dr. Suanúa Serrano as invited speaker. The first day we learned about the general lesions in the digestive tract, mechanisms of diarrhea and main diseases in horses and bovines. The second day, we heard some lessons about diarrhea in calves, and a complete review of the pathologies of the digestive tract in pigs, small ruminants and small animals. Also, we had lectures about clinical approximation and main diseases of oral cavity in small animals by Dr. Suanúa. In the afternoon of the second day, participants engaged in a hands-on practical session led by Paco, analyzing four scanned cases available on the DTF website. This session involved 28 pathologists, professors, and postgraduate students, providing an interactive and enriching experience.

The meeting was also the opportunity to give a tribute to one of the most important Colombian professors of veterinary pathology, Dr. Hector Eduardo Gonzalez. In his memory Drs. Ingrid Pardo, Paola Barato and Jose Clavijo gave 3 scholarships for Colombian veterinary medicine students to attend the event. They were Hathali

LATIN AMERICAN ROADSHOW

de las Mercedes Sanchez from Universidad de Antioquia, Daniel Maximiliano Garcia from Universidad Nacional de Colombia, and Angélica Consuelo Hernández from Fundación Universitaria Juan de Castellanos. The surplus from registration fees was used to purchase a camera for one of the microscopes in the Faculty of Veterinary Medicine at Fundación Universitaria San Martín, to support pathology teaching in the northern region of Colombia. The event provided an excellent opportunity to network with colleagues, share experiences and ideas, and train pathologists, professors, and students in digestive pathology. We remain committed to advancing veterinary and comparative pathology in Colombia and Latin America. Thank you to the speaker, Paco Uzal, all the participants, co-organizing institutions, the Latin Comparative Pathology Group, and the Davis-Thompson Foundation for making this a truly wonderful experience!



LATIN AMERICAN ROADSHOW

Destination 5: Guatemala (Ciudad de Guatemala, November 4 and 5, hosted by Dr. Déborah Rodríguez)

On November 4 and 5 in the Aula Magna of the Faculty of Veterinary Medicine and Zootechnics of the University of San Carlos of Guatemala, teachers, assistants and students of the third, fourth and fifth year of Veterinary Medicine attended of the Latin American Roadshow for Pathology of the Digestive System conferences. MA Rodolfo Chang, the faculty dean, opened the event by thanking the Davis Thompson Foundation for its assistance in recent years.

There were over 100 participants in two incredible days filled with the energy and motivation of Dr. Francisco Uzal, from the Davis Thompson Foundation, who certainly shared not only his expertise but also his passion to encourage our students and teachers to pursue the various areas of veterinary pathology.

Mónica Solórzano PhD, Director of the Veterinary Medicine School, was in charge of closing the activity. It was a great honor for the University of San Carlos of Guatemala Faculty of Veterinary Medicine and Zootechnics to host one of the leading authorities in veterinary pathology.

We express our gratitude to our organizing committee MV Jose Paniagua, MV Jazzel Zea and MV Déborah Rodríguez and we eagerly await the events scheduled for 2025.



ACVP PRE-MEETING WORKSHOP REVIEW

2024 ACVP/Davis-Thompson Foundation Pre-Meeting Workshop: No Guts, No Glory: A Review of Gastrointestinal Tumors

November 16 at Hyatt Regency, Seattle, WA.

by Kelsey Fiddes, Course Director

Over 160 pathologists, residents, and veterinary students attended the 2024 Davis-Thompson Foundation's annual ACVP Pre-Meeting Workshop on November 16 to hear Dr. John Munday, Dr. Jesse Hostetter, Dr. Brandon Platner, Dr. Dorothee Bienzle, and Dr. Francisco Uzal share their expertise on tumors of the gastrointestinal system. In this full-day session, five co-authors of the upcoming sixth volume of the series, *Surgical Pathology of Tumors of Domestic Animals*, took attendees on an exhaustive journey through the gut by sharing their approaches to pathology of tumors of the gastrointestinal system. The presenters discussed epithelial, mesenchymal, and round cell tumors of the esophagus, stomach, small intestine and large intestine, as well as covering basic anatomy, margin evaluation, and a variety of non-neoplastic, tumor-like lesions. The presentations highlighted key diagnostic features of these tumors, integrating cytology and histology correlates using a case-based approach. The presenters also discussed the utility of immunohistochemical stains to aid in the diagnosis of some tumors, as well as the rapid diagnosis, particularly of round cell tumors, that can be achieved by using cytology as an ancillary diagnostic tool. 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 where the speakers digested the information into bite sized pieces and the attendees feasted on their expertise! The seminar received overwhelmingly positive remarks from attendees.

ACVP PRE-MEETING WORKSHOP REVIEW



From L to R: Drs. Brandon Plattner, John Munday, Francisco Uzal, Dorothee Bienzle, Jesse Hostetter, and Kelsey Fiddes.



Dr Plattner delivers one of his lectures



Book & merchandising stand. L to R: Latoya Montgomery, Rafeala DeNegri, Evelyn Cotton, Paco Uzal, Eileen Henderson

NECROPSY COURSE

ECFVG CPE PREP

NECROPSY COURSE



Davis-Thompson Foundation



7-8 DECEMBER 2024



9:00 AM - 5:00 PM CT



BREATHITT VETERINARY CENTER, HOPKINSVILLE, KY



SPEAKERS

PRE-REGISTER NOW

pre-registration closes Oct 31

PREPARE FOR THE NECROPSY PORTION OF THE ECFVG'S CPE EXAM VIA HANDS ON PRACTICE AND MOCK EXAM WITH VETERINARY PATHOLOGISTS.



virtual \$200



In person \$600

Rafaela De Negri, DVM, MSc
Nathan Helgert, VMD, DACVP

davisthompsonfoundation.org

[Click here to register](#)

SEMINARIOS MACRO ABVP

abpv.vet.br



Davis-Thompson Foundation

SEMINÁRIOS DE MACROSCOPIA E HISTOPATOLOGIA DA ABPV

Peres Badial

DMV, MSc, PhD, DACVP

11 Dezembro | 12:30 PM
2024 | 1:30 PM BR



**INSCRIÇÃO GRATUITA
E OBRIGATÓRIA**



Para mais informações:
ABPV / Davis-Thompson Foundation

[Click here to register](#)

GHANA GHPN WORKSHOP



Davis-Thompson
Foundation



UNIVERSITY
OF GHANA

Workshop on Basic Mechanisms of Disease and Regional Diseases of Livestock and Poultry



Javier Asin
DVM, PhD, DECVP



Sherry A.M. Johnson
DVM, PhD



Sarah M. Corner
DVM, PhD, DACVP



Anna-Maria Travis
DVM, MPA, DACVP



Theophilus Odoom
DVM, PhD candidate



In person



December 11-13, 2024



Information: sajohnson@ug.edu.gh



School of Veterinary Medicine, University of Ghana, Accra, Ghana

[Click here for more
information](#)

RONDAS DE HISTOPATOLOGÍA



RONDAS DE HISTOPATOLOGÍA
DEL LCPG



Davis-Thompson
Foundation

PESCANDO LESIONES: NAVEGANDO POR LA PATOLOGÍA DE PECES DE AGUA DULCE

Jueves 19 de Diciembre 2023

10:30 AM - 11:30 AM CST



Paola Barato

DVM, PhD in Biotechnology and
specialization in aquaculture

[Click here to register](#)

GEN PATH COURSE



Davis-Thompson
Foundation

GENERAL PATHOLOGY REVIEW COURSE

SPEAKERS

JANUARY 28 - 31 + FEBRUARY 6, 2025



James Stanton
DVM, PhD, DACVP



Cleverson De Souza
DVM, PhD, DACVP



Patricia Pesavento
DVM, PhD, DACVP



Jairo Nunes
DVM, MS, PhD, DACVP



Kevin Woolard
DVM, PhD, DACVP



Samantha Schlemmer
DVM, MS, DACVP



Bridget C. Garner
DVM, PhD, DACVP



Denise Imai
DVM, PhD, DACVP

[Click here to register](#)

WESTERN ROUND ROBIN CASE

**CONTRIBUTING LABORATORY:
California Animal Health and Food Safety Laboratory,
Davis branch, Davis, California**

Signalment and history/gross findings:

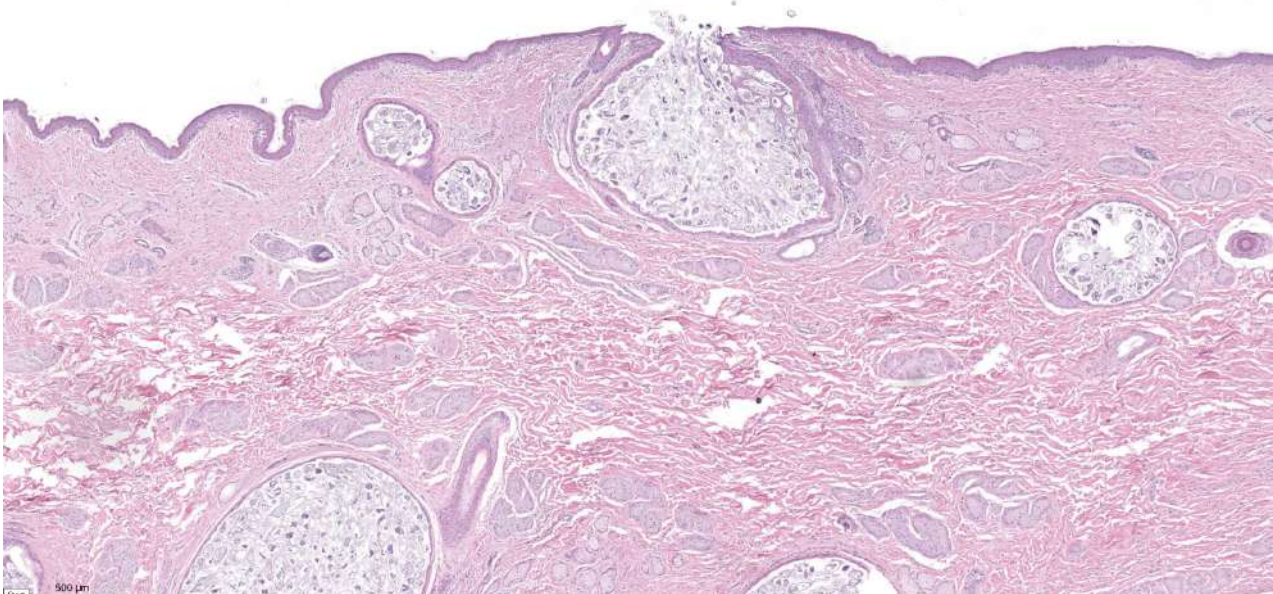
An adult, male intact (buck) deer was hit by a car. The buck had severe alopecia all over the body. Several sections of skin were submitted to the laboratory. The submitted skin sections were markedly sparsely haired and had multiple, white, approximately 1-3 mm in diameter, well-demarcated, soft nodules. On cut section, a small amount of white, thick, pasty material exuded out of the nodules.

Histology:

Haired skin: Multifocally, there are hair follicles that are dilated by up to approximately 1 mm in diameter, and filled with numerous mites. These mites are cigar-shaped, approximately 160-190 μm in length and 30-50 μm in diameter, with a chitinous exoskeleton, up to 4 paired short jointed appendages, and striated muscle. There is a single small cluster of multinucleated giant cells, macrophages, and a few lymphocytes and plasma cells (presumed furunculosis). Rarely, there are scattered low numbers of lymphocytes infiltrating the hair follicular wall and the superficial dermis.

Diagnosis:

Haired skin – follicular ectasia, widely disseminated, marked, chronic with intrafollicular mites consistent with *Demodex* species and mild lymphocytic folliculitis.



WESTERN ROUND ROBIN CASE

Comments:

The histologic findings in this deer were most consistent with demodicosis. DNA analysis was not performed in this case to determine the *Demodex* species. Reported *Demodex* species in North American cervids include *Demodex odoicoilei* in white-tailed deer, mule deer and presumptively in Columbian black-tailed deer; *D. kutzeri* in mule deer, white-tailed deer, and rocky mountain elk; and a new species in a white-tailed deer that was most closely related to *D. musculi* from lab mice.¹⁻⁴ Of these, *D. odoicoilei* is the most described, especially in white-tailed deer.

Gross lesions of reported demodicosis in North American cervids include alopecia and/or dermal nodules filled with yellow-white caseous material.^{2,3} Histological lesions are often described as hair follicles and/or sebaceous glands dilated and filled with numerous mites with minimal to no inflammation unless associated with furunculosis, such as in this case.^{3,4}

In dogs, demodicosis may be associated with immunosuppression and/or genetic predisposition, but there is limited information on the role of immunosuppression or other predisposing factors in deer. In one study involving white-tailed deer, the majority of deer with demodicosis were adult males, 47% were in good to excellent nutritional status, and 53% had concurrent pulmonary larval nematodiasis.³ In the same study, crowding, seasonal food shortages and concurrent lungworm infections were associated with more severe clinical presentations. In the current case, no other tissues were submitted to determine if any concurrent diseases were present, and the nutritional status of the animal was not reported.

References:

1. Bildfell RJ, Mertins JW, Mortenson JA, Cottam DF. Hair-loss syndrome in black-tailed deer of the Pacific Northwest. *J Wildl Dis.* 2004 Oct;40(4):670-81. doi: 10.7589/0090-3558-40.4.670. PMID: 15650084.
2. Desch CE, Andrews JJ, Baeten LA, Holder Z, Powers JG, Weber D, Ballweber LR. New records of hair follicle mites (Demodecidae) from North American Cervidae. *J Wildl Dis.* 2010 Apr;46(2):585-90. doi: 10.7589/0090-3558-46.2.585. PMID: 20688655.

WESTERN ROUND ROBIN CASE

3. Nemeth NM, Ruder MG, Gerhold RW, Brown JD, Munk BA, Oesterle PT, Kubiski SV, Keel MK. Demodectic mange, dermatophilosis, and other parasitic and bacterial dermatologic diseases in free-ranging white-tailed deer (*Odocoileus virginianus*) in the United States from 1975 to 2012. *Vet Pathol.* 2014 May;51(3):633-40. doi: 10.1177/0300985813498783. Epub 2013 Aug 2. PMID: 23912715.

4. Yabsley MJ, Clay SE, Gibbs SE, Cunningham MW, Austel MG. Morphologic and Molecular Characterization of a *Demodex* (Acari: Demodicidae) Species from White-Tailed Deer (*Odocoileus virginianus*). *ISRN Parasitol.* 2013 Jan 15;2013:342918. doi: 10.5402/2013/342918. PMID: 27335854; PMCID: PMC4890869.

Contributor: Emma Torii, BVSc, MANZCVS (Pathobiology), DACVP

[Click here to see this slide in Noah's Slidebox](#)

ASVP CORNER



Davis-Thompson
Foundation

ASVP

Australian Society for
Veterinary Pathology



AAPSP

Australian Animal Pathology
Standards Program



Australian



Descriptive Veterinary Pathology course

Mar 31 to Apr 4, 2025

In-person at the beautiful Taronga Zoo in Sydney!



JEY KOEHLER
DVM, PHD, DACVP



LINDEN CRAIG
DVM, PHD, DACVP



PATTY PESAVENTO
DVM, PHD, DACVP

- Interpretation and description of gross, macro-micro, microscopic, and ultrastructural lesions
- Image interpretation
- Histo tests
- Peer grading assessments

[Click here to register](#)

IDEXX CASECONNEXX CORNER

Signalment: 12-year-old, male, neutered Quarter horse

Source/ History: History of chronic right sided nasal discharge. Mass noted to be filling right maxillary sinus. Sample of mass obtained via maxillary sinusotomy.

Histopathologic Description:

Maxillary sinus: The submucosa of the sinus is markedly expanded by a cavitary region containing abundant macrophages and multinucleated giant cells, and scattered lymphocytes, plasma cells, and neutrophils admixed with abundant hemorrhage, fibrin, and regions of immature fibroplasia and neovascularization. Giant cells and macrophages frequently contain abundant dark brown to golden-yellow granular pigment (hemosiderin/hematoidin) and there are prominent extracellular aggregates bright yellow to light golden hematoidin pigment. There is widespread dystrophic mineralization of collagen bundles and vascular walls throughout the lesion.

Interpretation:

Maxillary sinus: Granulomatous and hemorrhagic sinusitis, with abundant multinucleated giant cells, marked hemosiderosis, hematoidin pigments, and multifocal dystrophic mineralization, consistent with a progressive ethmoid hematoma

Comments:

Histopathology of these tissues has features most consistent with a progressive ethmoid hematoma. Progressive ethmoid hematomas are nonneoplastic, locally aggressive masses typically characterized by a progressively enlarging tumor can cause regional bone lysis and necrosis. These lesions can progress to a sufficient size to extend into the maxillary, frontal, or sphenopalatine sinuses, or even protrude from the external nares. Smaller masses have been occasionally reported to arise from the floor of the paranasal sinuses.

The pathogenesis of progressive ethmoid hematoma is poorly understood. It is suspected that these lesions may represent an aberrant vasoproliferative response to submucosal hemorrhage. These lesions most commonly occur in older horses and are more common in Thoroughbreds, Arabians, quarter horses and "warm-blooded" horses. Epistaxis is the most common presenting clinical sign. Treatment is difficult and the hematomas often recur after surgical excision (reported in 17-50% of cases within months to years following treatment).

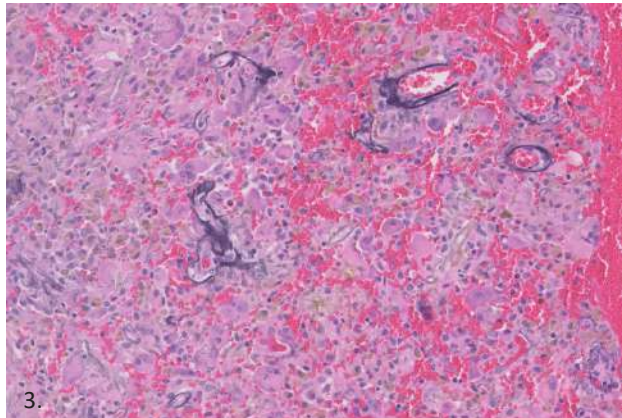
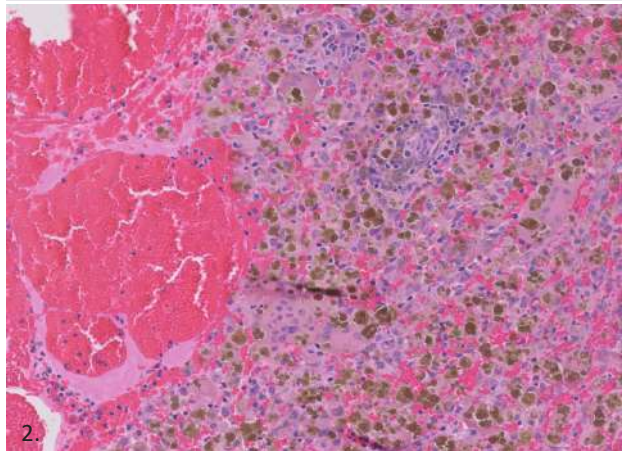
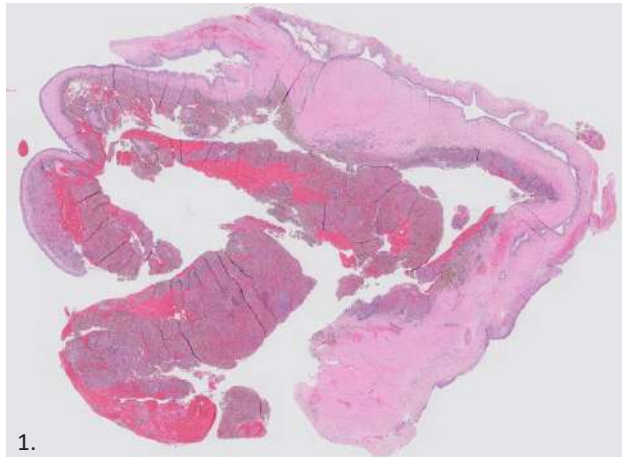
References: Pascoe JR. Ethmoid Hematoma. In: Smith BP, ed. Large Animal Internal Medicine, 5th Ed. St. Louis, MO:Elsevier. 2015:561-562.

Figure 1. The submucosa of the sinus is markedly expanded by a cavitary space filled with hemorrhage and macrophages. 1X magnification. **Figure 2.** Macrophages contain abundant hemosiderin and there are interspersed mixed inflammatory cells and foci of neovascularization. 40X magnification **Figure 3.** Numerous multinucleated giant cells containing intracytoplasmic blood pigments. Blood vessels walls and collagen bundles are frequently mineralized. 40X magnification.

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

IDEXX

CaseConnexx
Visit [CaseConnexx.com](https://www.caseconnexx.com) to Register



LCPG CORNER

2024 DTF-LCPG ACTIVITIES IN LATIN AMERICA

Country	Name of Seminar	Dates	Place/University	Speakers	Organizers
Argentina	XVIII Seminar of the Argentinean Subdivision of the Davis-Thompson Foundation and XII Forum on Teaching Veterinary Pathology.	Aug 22-23	Rosario, Argentina. Facultad de Ciencias Veterinarias, Universidad Nacional de Rosario	Francisco Uzal, Fabio Vanucci, Pablo Piñeyro, Luary Carolina Martínez Chavarría	Leonardo Minatel
	Latin American roadshow: Gastrointestinal pathology	Oct 24-25	Buenos Aires, Argentina. Universidad de Buenos Aires.	Francisco Uzal	Leonardo Minatel
Brazil	2024 Brazilian Symposium of the DTF - Pathology of zoo and wildlife	Sept 20-22	Universidade Federal de Minas Gerais - Belo Horizonte, MG, Brazil	Denise McAloose	Renato de Lima Santos / Ayisa Rodrigues de Oliveira
Chile	Pathology of wildlife	Aug 8-9	Valdivia, Chile. Universidad Austral de Chile	Mauricio Seguel, Enrique Paredes, Mauricio Navarro, Manuel Moroni.	Mauricio Navarro
Colombia	Latin American roadshow: Gastrointestinal pathology	Nov 1-2	Barranquilla, Colombia. Universidad San Martín	Francisco Uzal	Paola Barato
Costa Rica	Workshop in freshwater fish medicine and pathology in Latin America	Mar 22-23	San José, Costa Rica. Escuela de medicina y cirugía veterinaria San Francisco de Asís	Esteban Soto, Paola Barato	Roberto Olivares
Guatemala	Latin American roadshow: Gastrointestinal pathology	Nov 4-5	Ciudad de Guatemala, Guatemala. Universidad de San Carlos.	Francisco Uzal	Déborah Rodríguez
México	IV on-line necropsy course	Apr 8-19	México (On-line)	Elizabeth Rodríguez, María del Carmen Carmona, Alfredo Pérez, Mario Bedolla, Carlos González, Elizabeth Morales, Gerardo Salas, Mireya Juárez, Luis García-Márquez, Diana Galván, Rubén López, Laura Romero, Francisco Carvallo.	Rubén Lopez
	V seminar of the Mexican subdivision of the Davis-Thompson Foundation: Bovine pathology	Oct 17-18	Facultad de Medicina Veterinaria y Zootecnia "Dr Norberto Treviño Zapata", Universidad Autónoma de Tamaulipas	Mario Bedolla, Luis Jorge García, Luis Mario Leyva, Alfonso López, Julio Martínez, Elizabeth Morales, Rafael Ramírez	Ubicelio Martín
	Workshop in freshwater fish medicine and pathology in Latin America	Nov 21-22	Faculta de Medicina Veterinaria y Zootecnia, Universidad Nacional Autónoma de México.	Esteban Soto, Paola Barato	Rubén Lopez
Paraguay	Latin American roadshow: Gastrointestinal pathology	Oct 28-29	Asunción, Paraguay. Universidad Nacional de Asunción.	Francisco Uzal	Leila Maidana, Mirtha Suarez
Uruguay	Latin American roadshow: Gastrointestinal pathology	Oct 21-22	Montevideo, Uruguay. Universidad de la República.	Francisco Uzal	Jose Manuel Verdes
Venezuela	II Seminar of the Venezuelan Subdivision of the Davis-Thompson Foundation	Jul 18-19	Barquisimeto, Venezuela	Francisco Uzal, Joaquín Ortega, Yaritza Salas	Yaritza Salas

LCPG CORNER

LCPG Session at the ACVP meeting

by Javier Asin

The annual LCPG session took place on November 18 during the ACVP/AS-VCP meeting in Seattle, WA. Professor Paul Stromberg delivered a lecture titled “*The Evolution of Uncertainty in Surgical Pathology and How to Manage It*,” in which he guided the audience through various examples of how to adapt to and communicate uncertainty in diagnostic cases. The lecture was excellent, well-attended, and generated a lively discussion among the participants. Following the lecture, Drs. Carlos Schild and Hernando Acevedo (UC Davis) presented two fascinating case studies: “*Staphylococcal Arthritis in Horses*” and “*Tenacibaculosis and Secondary Ecto/Endoparasites in Four Monkeyface Pricklebacks (Cebidichthys violaceus)*”, respectively.

The session concluded with the LCPG business meeting. Dr. Francisco Carvalho was recognized for his outstanding service as President over the past two years. The new President, Dr. Uzal, and the President-Elect, Dr. Carvalho, agreed to serve one year each as presidents, after which elections will be called again to encourage broader participation in leadership positions within the organization.

Thank you to all the attendees, speakers, and organizers for a fantastic session. We look forward to seeing everyone next year in New Orleans!



Prof. Stromberg delivers his lecture and Dr. Maicias-Rioseco chairs the session

LCPG CORNER



Workshop on Fish Medicine and Pathology Brazil and Colombia 2024

by Paola Barato

During September and October 2024, the University of California-Davis (UC Davis, USA), Universidade Federal de Minas Gerais (UFMG, Minas Gerais, Brazil), Corhuila and Universidad Surcolombiana (Colombia), CORPAVET/MolecularVet (Colombia), the Latin Comparative Pathology Group of the Davis-Thompson Foundation, the World Aquatic Veterinary Medical Association (WAVMA), and the World Aquaculture Society (WAS) partnered to organize two workshops on fish medicine and pathology for veterinarians, students, pathologists, and aquatic professionals in Brazil and Colombia.

The events were delivered in multiple languages—Spanish, Portuguese, and English—with live translation provided when necessary. The primary format included oral presentations, complemented by discussion sessions and a one-day laboratory. Participants practiced key skills, including anesthesia, euthanasia, necropsy, and sample collection in fish.

In **Brazil (September 3–4, 2024)**, the workshop provided an excellent opportunity to learn about fish medicine and pathology with Professors Esteban Soto (UC Davis), Henrique Figueiredo, Guilherme Tavares (UFMG), and Paola Barato (Corpavet). On the first day, attendees explored topics such as the anatomy and histology of teleost fish, the impact of water quality on fish health, and the diagnosis of major fish diseases affecting ornamental and cultured species. The second day focused on biosecurity and health management in aquaculture, emerging diseases in cultured fish in Latin America, and fish farm inspections. The practical session took place on the afternoon of the second day, where participants performed anesthesia, euthanasia, necropsy, sample collection, and wet mount and histopathology evaluations. A total of 30 participants attended the workshop.

LCPG CORNER

In **Colombia (September 30 and October 1–2, 2024)**, we held lectures featuring Professors Esteban Soto and Melanie Ammersbach (UC Davis), Fernando Mardones (Universidad Católica de Chile), Benjamin LaFrentz (USDA), Fernando Yamamoto (Mississippi State University), Henrique Figueiredo (UFMG), Sara Patricia Bonilla (RedFish), and Paola Barato (Corpavet). This workshop focused specifically on tilapia health. On the first day, participants learned about the anatomy and histology of tilapia, the impact of water quality on fish health, and the diagnosis of infectious, noninfectious, and nutritional diseases affecting tilapia and catfish, as well as vaccination strategies. The second day covered biosecurity and health management in aquaculture, epidemiology, clinical pathology, necropsy, and tilapia farm inspections. The third day was dedicated to practical sessions. Under the guidance of Professor Soto, 100 participants in six concurrent labs performed tilapia necropsies. Following this, they received training in wet mount analysis from Professor Paola Barato. Simultaneously, 30 participants worked with Professor Fernando Mardones in a computer lab, focusing on aquaculture epidemiology. In the afternoon, Professors Soto, LaFrentz, and Figueiredo led bacteriology and molecular biology practices for 60 participants across three labs. Meanwhile, Professor Barato continued training 40 participants in histopathology, emphasizing the major diseases affecting tilapia.



LCPG CORNER

In total, over 160 attendees participated in the workshops held in Brazil and Colombia. Well-trained fish veterinarians and pathologists are critically needed in many Latin American countries to ensure the successful implementation of health programs that benefit aquatic animal health, farm operations, and the broader One Health mission to provide safe fish for human consumption.

The workshops received an overwhelmingly positive response. While there is still a need for more educational opportunities, programs like these represent a significant step forward in advancing veterinary and comparative pathology in Latin America.

Additionally, the workshops served as a valuable forum for exchanging the latest information on infectious and noninfectious diseases in cultured fish, including disease prevention, diagnosis, and treatment, with a focus on internationally reportable diseases.

Thank you to all participants, co-organizing institutions, organizing committees, the Latin Comparative Pathology Group, and the Davis-Thompson Foundation for making this experience so enriching and successful!



LCPG CORNER



Workshop on Fish Medicine and Pathology Mexico 2024 by Paola Barato

During November 21 and 22, 2024, the University of California-Davis (UC Davis, USA), Universidad Nacional Autónoma de Mexico (UNAM, Mexico), CORPAVET/MolecularVet (Colombia), Aquapath (Mexico), the Latin Comparative Pathology Group of the Davis-Thompson Foundation, and the World Aquatic Veterinary Medical Association (WAVMA) partnered to organize a workshop on fish medicine and pathology for veterinarians, students, pathologists, and aquatic professionals in Mexico. The primary format of event included oral presentations, complemented by discussion sessions and a one-day laboratory. Participants practiced key skills, including anesthesia, euthanasia, necropsy, and sample collection in fish.

In **Mexico (November 21 and 22, 2024)** the workshop was presential and virtual with 78 participants. The lectures were given by Professors Esteban Soto (UCDavis) and Paola Barato (Corpavet) in anatomy and histology of teleost fish, the impact of water quality on fish health, biosecurity and health management in aquaculture, diagnosis of major fish diseases affecting ornamental and cultured species, emerging diseases in cultured fish in Latin America, and fish farm inspections. The second day was practical session with Professors Soto, Barato and Dr. Ariadne Hernández (UNAM) where participants performed anesthesia, euthanasia, necropsy, sample collection, and wet mount evaluations. Professor Luz Chavacán also was part of the organizing committee.

LCPG CORNER

The workshop received an overwhelmingly positive response. While there is still a need for more educational opportunities, programs like these represent a significant step forward in advancing veterinary and comparative pathology in Latin America.

Thank you to all participants, co-organizing institutions, organizing committees, the Latin Comparative Pathology Group, and the Davis-Thompson Foundation for making this experience so wonderful!



LCPG CORNER

SAVE
THE DATE

XIV REUNION ARGENTINA DE PATOLOGIA VETERINARIA

24, 25 Y 26 DE
SEPTIEMBRE, 2025

Actividades pre jornada el 23!

ORADORES: DON MEUTEN, VERENA AFFOLTER, CLAUDIO BARBEITO,
JUAN MICHELOUD , FRANCISCO UZAL, Y MÁS



EVENTOS PREVIOS

EVENTOS ESPECIALES

- ▶ Taller de escritura científica
- ▶ Encuentro SAOV

Seminario de casos misteriosos ◀


EN PERSONA


UNIVERSIDAD CATOLICA DE CORDOBA, ARGENTINA



Davis-Thompson
Foundation



LCPG CORNER



RONDAS DE HISTOPATOLOGÍA DEL LCPG 2024 10:30 - 11:30 CT



Davis-Thompson Foundation



Casos variados
Omar A. Gonzales Viera, DVM, MSC, PhD, DACVP
en español



Deu zebra: casos atípicos ou misteriosos
Rachel Neto, DVM, MS, DACVP
em Português



Enfermedades reproductivas en animales de produccion.
Melissa Macias, DVM, MSC, PhD, DACVP
en español



Casos variados
Rafaela De Negri, DVM, MSC
em Português



Pescando lesiones: navegando por la patología de peces de agua dulce
Paola Barato, DVM, PhD
en español

[Click here to register for individual seminars](#)

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

Click here for more information about how to become a member

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

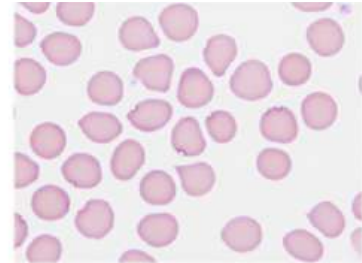
Q: When can the educational scholarships to attend select DTF on-line courses and/or have access to the course material be used?

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

MISCELLANEOUS ANNOUNCEMENTS

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



Check out our archive!

Click here 

A graphic representing an archive. It features several overlapping covers of 'The Davis-Thompson Foundation Newsletter' from different years. Below the covers is a timeline with calendar icons for the years 2007, 2012, 2017, and 2024. A folder icon with three stars is located in the bottom left corner of the graphic area.

MISCELLANEOUS ANNOUNCEMENTS



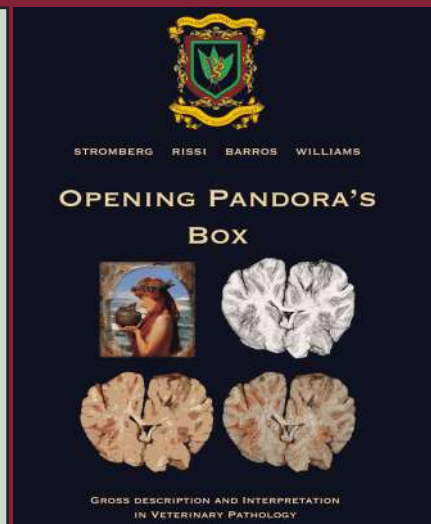
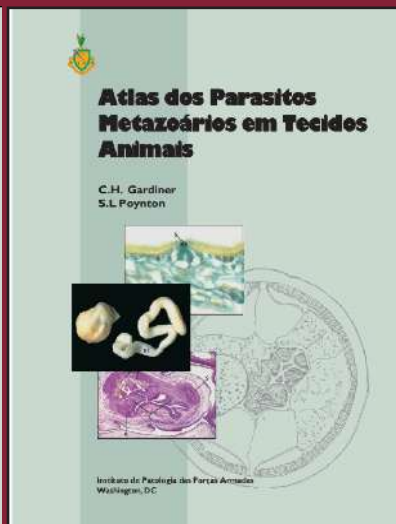
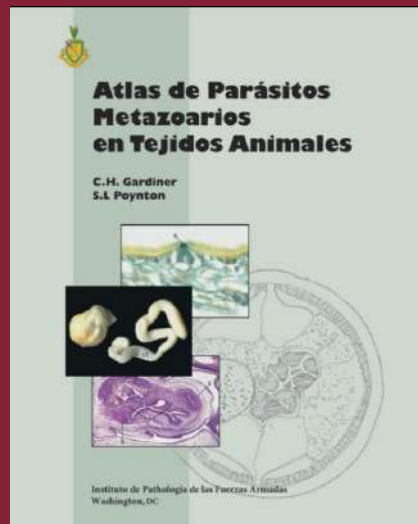
Davis-Thompson
Foundation



**CHECK OUT OUR STORE
FOR BOOKS AND MERCH**

CLICK HERE 

MISCELLANEOUS ANNOUNCEMENTS



[Click here](#) to Get a Digital Download of our e-books!

RETIRING?

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

Davis-Thompson Foundation Pathology Externship

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



**Davis-Thompson
Foundation**

DAVIS-THOMPSON FOUNDATION

Phone: 847-367-4359

Fax: 847-247-1869

davis-thompsonfoundation.org

cldavisdvm@comcast.net

DECEMBER 2024