

Managing Editors:
J. Leal, DVM, MSc, PhD
J. Asin, DVM, PhD

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Senior Editor:
F.A. Uzal, DVM, MSc, PhD



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

THE DAVIS-THOMPSON FOUNDATION NEWSLETTER

January 2023

VOL. 53



INSIDE THIS ISSUE

Monthly cover photograph winner:
Jorge Rosell

Institution: Universidad Catolica de Valencia San Vicente Martir

Direct examination of an impression smear made from the cut surface of affected lung tissue from 6-month-old kitten with granulomatous pneumonia caused by *Aelurostrongylus* sp.

3	Message from the CEO	15	Necropsy Course
4	JVDI in Focus	16	Gen Path Course 2023
5	Seminar Reviews	17	Introduction to Vet Histopath
8	2022 Snapshot	18	Spanish Meeting
9	2022 Recap	19	BSTP Corner
10	Book Announcement	22	IDEXX CaseConnexx Corner
11	Diagnostic Exercise	23	Miscellaneous Announcements
14	Patologia Ocular		

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MESSAGE FROM THE CEO

Dear Colleagues

Happy New Year!

Welcome to 2023 and to the first issue of the Davis-Thompson Foundation's Newsletter for the new year. This edition was masterfully prepared, as usual, by our outstanding Managing Editors, Jeann Leal and Javier Asin.

2022 was a year of great and abundant training opportunities offered by the Foundation virtually and in person all over the world. Amongst the former, we had 172 meetings in English, Spanish or Portuguese, attended by a total of 22,435 participants from 103 different countries from (alphabetically) Albania to Vietnam. The number of in-person seminars and courses has been increasing progressively this past year, and we hope it will keep growing in 2023. A significant number of virtual training opportunities will still be available for free or at a very reduced cost for participants all over the world.

Our outstanding team of volunteers is already working on the preparation of a vast and exciting program of training activities for 2023. Look for more information on the website of the Foundation (<https://davisthompsonfoundation.org/>) or on social media.

Hoping to see many of you in one or more of our upcoming seminars.

Warm regards

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



JVDI IN FOCUS

JVDI in Focus

Our January focus is an article appearing in JVDI's January issue, "Psittacid alphaherpesvirus 5 infection in Indian ringneck parakeets in southern California" by Eileen E. Henderson, Nicolas Streitenberger, Javier Asin, Anibal Armien, Beate M. Crossley, April L. Childress, James F. X. Wellehan Jr, Francisco A. Uzal.

J Vet Diagn Invest 2023;35(1). <https://journals.sagepub.com/doi/full/10.1177/10406387221136568>

Abstract. Four Indian ringneck parakeets (*Psittacula krameri*; syn. ringneck parrots or rose-ringed parakeets) were submitted by 2 private owners for autopsy following a history of dyspnea and death. Gross findings were varied and included thickening of the left caudal thoracic air sac, white spots throughout the liver, mild dilation of the proventriculus, coelomic effusion, splenomegaly, and pulmonary congestion and edema. Microscopically, the submitted parakeets had significant lesions in the lower respiratory tract, including necrotizing bronchitis, parabronchitis, and interstitial pneumonia with numerous syncytia containing eosinophilic intranuclear inclusions. Electron microscopy of the lungs was compatible with a herpesviral infection and Psittacid alphaherpesvirus 5 (PsAHV5) was detected via PCR and sequencing. There has been inconsistent terminology used with Psittacid alphaherpesvirus 3 and PsAHV5; we attempt here to clarify the reported history of these viruses.

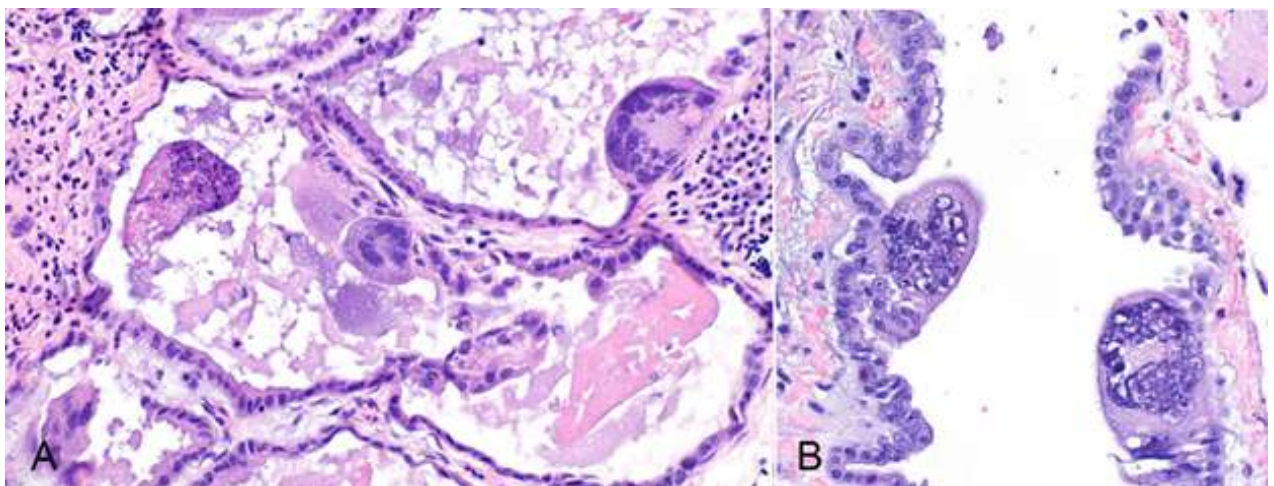


Figure 1. Herpesvirus-associated pneumonia in Indian ringneck parakeets. Syncytia containing amphophilic intranuclear inclusions within the A. lung and B. air sacs. H&E.

SEMINAR REVIEWS



Brazilian Descriptive Veterinary Pathology Course Belo Horizonte, Brazil December 5-9, 2022

In early December, Drs. Jey Koehler, Linden Craig, and Patty Pesavento took the Descriptive Veterinary Pathology course on the road down to beautiful Belo Horizonte in the Brazilian state of Minas Gerais. 131 participants from every state in Brazil were in attendance, representing a full spectrum of veterinary students, residents, graduate students, and practicing pathologists in both diagnostic laboratories and academia, as well as one canine attendee who struggled to stay awake during some of the lectures:



SEMINAR REVIEWS

The attendees were some of the warmest, friendliest, and most appreciative we have ever encountered. It really reinforced the value of an in-person meeting, and the local organizers made sure we all gained at least five pounds by having break tables loaded up with local coffee, desserts, and of course trays full of diabolically delicious pão de queijo!



During the lectures, there was a lot of great audience participation, and during the breaks there was vibrant discussion about topics ranging from US residency programs to local culture to collaborative research projects and so much more. We truly feel as if we've made some life-long friends that we hope to stay in touch with. This kind of interaction just isn't possible with virtual meetings, and the connections made have immeasurable benefits both personal and professional for everyone involved! On Wednesday afternoon Dr. Ricardo Evandro Mendes (Professor en Instituto Federal Catarinense) delighted the audience with a series of interesting cases of diseases of cattle. The videos of antemortem clinical presentation and necropsy lesions were a huge hit (check out his Instagram @patologiaifc!) The phenomenal translators, Larissa Benevides and Leo Alenquer, provided simultaneous translation into Portuguese through headsets all day long, and without their extensive medical translation experience and stamina the course would not have been possible.

SEMINAR REVIEWS



Special acknowledgment and thanks go out to local organizers Drs. Renato Lima dos Santos (currently in California) and Drs. Felipe Pierezan, Beatriz Novaes, and Carlos Eduardo Lopes for their generosity and kindness as local hosts, and to all the student and faculty volunteers at UFMG who worked on all the logistics make things run smoothly. Great thanks also go to the generous financial contributions of the Associação Brasileira de Patologia Veterinária and especially scientific director Dr. Francisco Leite in support of translation services. Nós amamos o Brasil, and we can't wait to get back!

2022 SNAPSHOT



Davis-Thompson Foundation

2022 snapshot

Excellent! I hesitated to take the course not knowing just how useful it would be. I believe that it is the most useful prep course for phase I for me this year!!! Thank you for putting on an excellent course. (Gen Path Course - Jan)

Excelente la posibilidad simultánea de presencial y virtual, y salió super bien (1er Seminario Costarricense - Feb)

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

Foi incrível! A professora tem uma didática impecável que faz o conteúdo parecer até mais fácil. (Patologia Reprodutiva - July)

The best seminar in years. The DTF is doing an awesome job and providing outstanding CE better than any other organization in the world. (AAVLD Diagnostic Pathology Symposium - Oct)

All CL DAVIS workshops are highly informative and provide valuable discussion and course material that aids in my everyday work in a diagnostic lab. ("Getting into the Hard Stuff" Workshop - Nov)

2022 RECAP

2022 Recap

Our team helped organize...

128 webinars.

A total of...

22,435
connected logins.

From Albania to Vietnam, people from...

103 countries joined us.

59 recorded seminars posted on YouTube...

...for the advancement of education in
veterinary and comparative pathology!



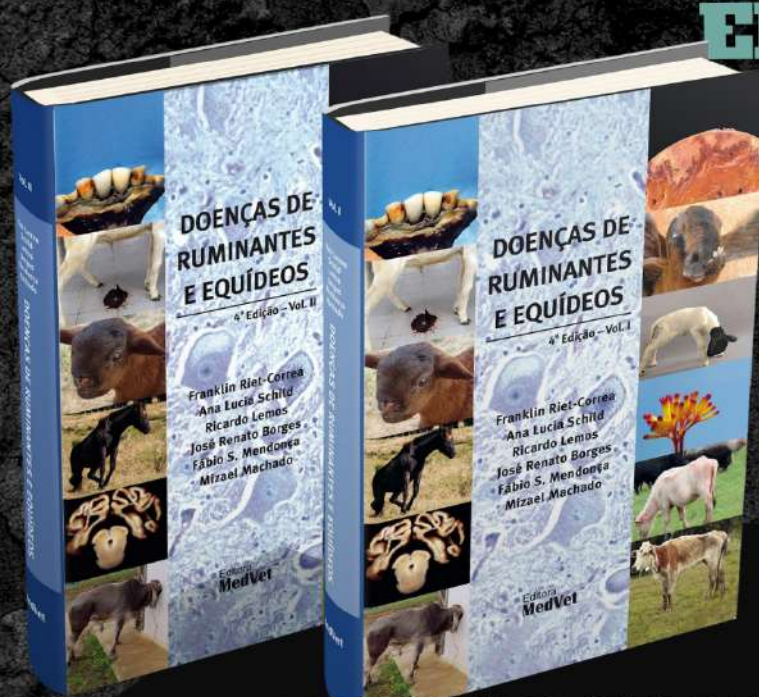
Davis-Thompson
Foundation

Thank you!
Webinar committee

BOOK ANNOUNCEMENT

Fifteen years after the release of the 3rd edition of the already classic “Doenças de Ruminantes e Equídeos” (Diseases of Ruminant and Horses), the 4th edition of this great Portuguese-language book was published in November 2022 by MedVet Livros (www.medvetlivros.com.br)

**FOURTH
EDITION**



DOENÇAS DE RUMINANTES E EQUÍDEOS **DISEASES OF RUMINANTS AND HORSES**

THE BOOK WAS EDITED BY AN OUTSTANDING GROUP OF LATIN AMERICAN PATHOLOGISTS LED BY WORLD RENOWN DR FRANKLIN RIET-CORREA. HIS CO-EDITORS INCLUDE WELL KNOWN PATHOLOGISTS ANA LUCIA SCHILD, RICARDO LEMOS, JOSÉ RENATO BORGES, FÁBIO S. MENDONÇA AND MIZAEL MACHADO. NINETY ONE CO-AUTHORS CONTRIBUTED TO THIS NEW EDITION. THE NEW EDITION OF THIS TEXTBOOK PROVIDES UP TO DATE PRACTICAL INFORMATION PRESENTED IN A DIDACTIC MANNER, WITH SPECIAL EMPHASIS ON DIAGNOSIS, CONTROL AND PROPHYLAXIS OF THE MAIN DISEASES OF RUMINANTS AND HORSES OCCURRING IN BRAZIL.



DIAGNOSTIC EXERCISE



Case #: **200**; Month: **November**; Year: **2022**

Contributors: Bianca S. de Cecco, DVM, MSc, PhD, Luan C. Henker, DVM, MSc, PhD, Francieli A. Molossi, DVM, MSc, Júlia G. Wronski, DVM, MSc, Marina P. Lorenzetti, DVM, MSc, PhD, Caroline Tochetto, DVM, MSc, PhD, Lucía Cano-Ortiz, DVM, MSc, PhD, David Driemeier, DVM, MSc, PhD, Saulo P. Pavarini, DVM, MSc, PhD, Setor de Patologia Veterinária, Faculdade de Medicina Veterinária, Universidade Federal do Rio Grande do Sul (UFRGS), Porto Alegre, RS, Brazil. Corresponding author: Universidade Federal do Rio Grande do Sul. biasantanacecco@gmail.com

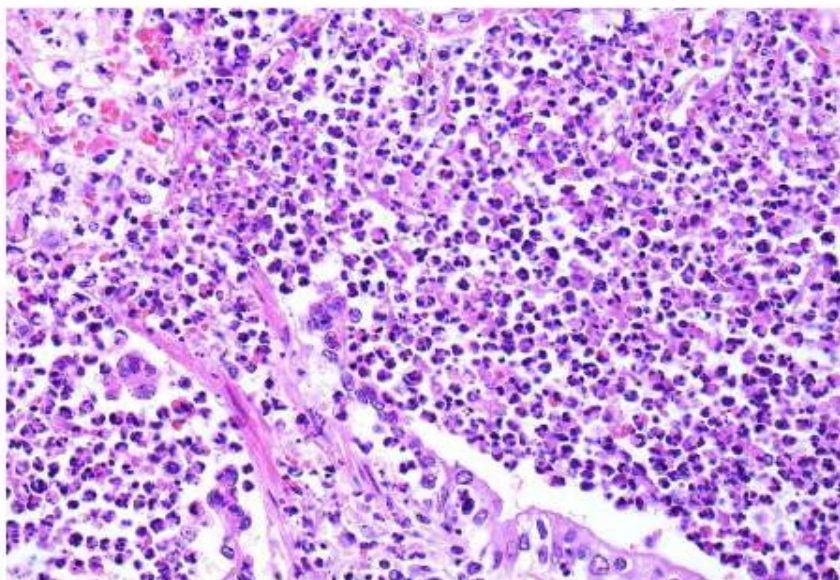
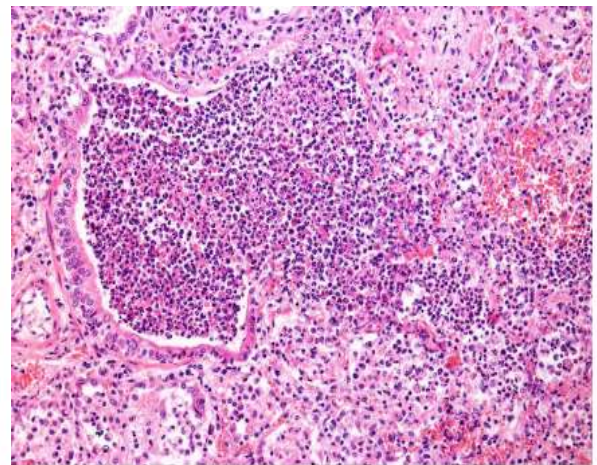
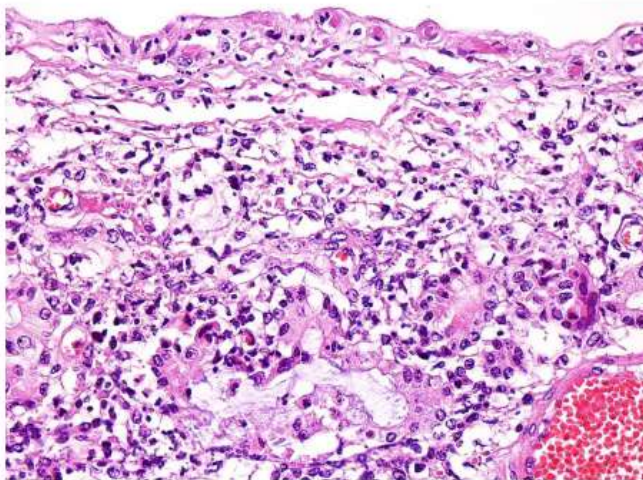
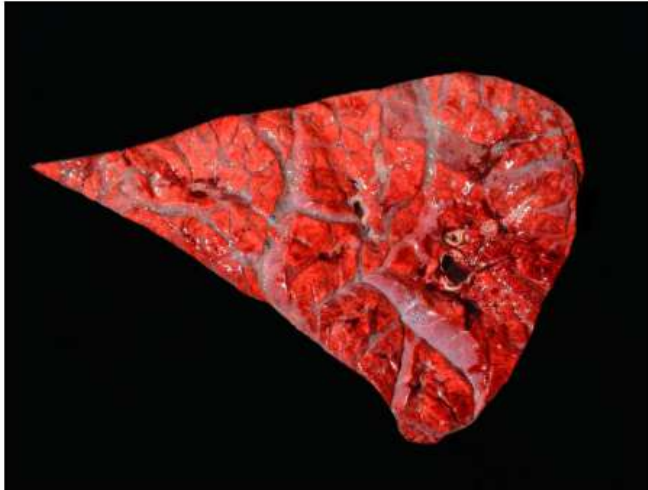
Clinical History: A two-year-old Aberdeen Angus heifer presented an abrupt onset of tachypnea, mucopurulent nasal discharge, dyspnea, and fever (41°C). Twenty-four hours after the onset of clinical signs, the heifer had ruminal atony, severe dehydration, hypothermia (35°C), and died. A few days before this heifer died, another two steers from the same herd had similar clinical signs and died. The herd was composed of 200 cattle, confined in an outside pen in a feedlot operation. Cattle were purchased from many properties and introduced to the herd without any type of quarantine or testing. The heifer had been on the property for 39 days and had no vaccination history

Gross and Histological Images:





DIAGNOSTIC EXERCISE





DIAGNOSTIC EXERCISE

**Follow-up questions:**

- Histological description
- Name of the condition
- Etiology
- Two differential etiological diagnoses

*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 (http://www.cldavis.org/diagnostic_exercises.html).

Associate Editor for this Diagnostic Exercise: Saulo Pavarini

Editor-in-chief: Claudio Barros

[Click here for answers](#)

PATOLOGIA OCULAR



RODADAS DE
HISTOPATOLOGÍA DA LCPG



Davis-Thompson
Foundation

PATOLOGIA OCULAR

19 de Janeiro, 2023
10:30 AM - 11:30 AM CT

INTERATIVO



VIRTUAL

EM PORTUGUÊS



Rachel Neto
DVM, MS, DACVP

[Click here to register](#)

NECROPSY COURSE

ECFVG CPE PREP

NECROPSY COURSE



TIME

08.00 AM - 4.00 PM



DATE

21-22 JANUARY 2023



LOCATION

BREATHITT VETERINARY CENTER
HOPKINSVILLE, KY

REGISTER NOW
limited seats

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



In person & virtual



Davis-Thompson
Foundation



SPEAKERS

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

davisthompsonfoundation.org

[Click here to register](#)

GEN PATH COURSE 2023



Davis-Thompson
Foundation

GENERAL PATHOLOGY REVIEW COURSE

SCHEDULE

**JANUARY
30
FEBRUARY
3 2023**
+ FEB 9

Time CT	MON 1/30	TUE 1/31	WED 2/01	THU 2/02	FRI 2/03	THU 2/09
9	Cell adaptations and death STANTON	Breakout-Exam Strategy IMAL PESAVENTO, ALL	Diagnostic methods PESAVENTO	Neoplasia WOOLARD	Immunity SAKAMOTO	
10		Hemodynamics WOOD	Infectious diseases PESAVENTO			Mock EXAM of participant questions plus - ALL FACULTY
11			Tox Pathology NUNES		Hemodynamics WOOD	evaluation
12	Acute Inflammation WOOLARD	Immunity SAKAMOTO				
1			Breakout (ID-Tox-EM) PESAVENTO, NUNES	Breakout (Neoplasia) WOOLARD	---	---
2	Chronic Inflammation PESAVENTO	Breakout-Question Writing in groups		LUNCH Mock EXAM Poll (25 Q) with breakout rooms/discussion	Mock EXAM Poll (25 Q) with breakout rooms/discussion	---
3	---		Participants: TURN IN QUESTIONS!		---	---



Patricia Pesavento
DVM, PhD, DACVP



Kaori Sakamoto
DVM, PhD, DACVP



Jairo Nunes
DVM, MS, PhD, DACVP



Kevin Woolard
DVM, PhD, DACVP



R. Darren Wood
DVM, DVSc, DACVP



James Stanton
DVM, PhD, DACVP

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INTRODUCTION TO VET HISTOPATH



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Virginia-Maryland
College of Veterinary Medicine

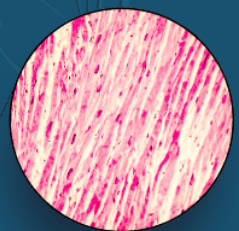
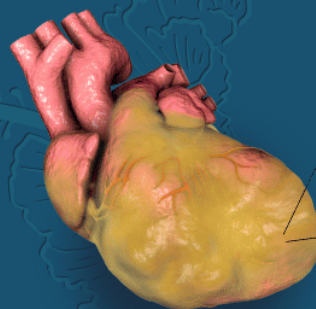
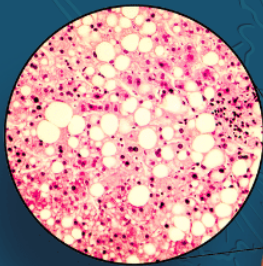
SAVE THE DATE

MARCH 1 - MAY 31, 2023
9 AM EST



INTRODUCTION TO VETERINARY HISTOPATHOLOGY

14 SESSIONS
EVERY WEDNESDAY FOR 3 MONTHS



\$150 virtual live (only 50 seats)/\$50 rebroadcast
Course director: Francisco Carvallo (francisco.carvallo@gmail.com)

[Click here to register](#)

SPANISH MEETING

2ND SPANISH DAVIS-THOMPSON FOUNDATION MEETING **DISEASES AND PATHOLOGY OF RUMINANTS AND PIGS**

FOCUS ON GI PATHOLOGY



Davis-Thompson
Foundation



Universitat de Lleida

JOAQUIM SEGALÉS

DVM, PHD, DECPHM, DECPV

FRANCISCO UZAL

DVM, MSC, PHD, DACVP



NECROPSY WET LAB!



**30-31ST
MARCH, 2023**



**IN
PERSON**



**LLEIDA
SPAIN**

[Click here to register](#)

BSTP CORNER

BRITISH SOCIETY OF TOXICOLOGICAL PATHOLOGY

Notice of Future Meetings - October 2022



The BSTP are happy for you to disseminate any of this information to colleagues within your group.

Virtual CES 7: Infectious diseases of laboratory animals
Tuesday 14th – Thursday 23rd March 2023

REGISTRATION IS NOW OPEN WITH EARLY REGISTRATION FEES AVAILABLE UP TO 31st JANUARY 2023 AND REGISTRATION CLOSING ON 14th FEBRUARY 2023

This Continuing Education Symposium will give you the opportunity to learn about infectious diseases of laboratory animals, health monitoring, emerging pathogens and species differences in the mouse, rat, dog, ferrets, rabbit, pig, hamster, gerbil, guinea pig and non-human primates. You will have direct access to international key speakers during the Q&A and round table sessions.

Information, including an outline programme and registration form is available on the website.

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

or visit: <http://www.bstp.org.uk/events/ces-7-infectious-diseases-of-laboratory-animals/>

Virtual CES 8: Nervous system and special senses organs
Tuesday 11th – Thursday 20th July 2023

This CES will give you the opportunity to learn about the rodent and non-rodent nervous system, including and special senses organs. The symposium will cover neurobiology basics of the CNS and PNS for pathologists and toxicologists; brain sampling and sampling of the spinal cord and PNS organs; preservation and preparation of neural tissues, neuroanatomy and tissue artifacts; AI analysis, stereology; biomarkers; neuropathology of standard nonclinical species; developmental and juvenile toxicity, safety pharmacology; INHAND nomenclature; class effects of toxic agents; toxicological pathology of the eye; an overview of the olfactory tract; ear and vestibular system. You will have direct access to international key speakers during the Q&A and round table sessions.

Detailed information, including the programme and a registration form will be available in early 2023.

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

or visit: <http://www.bstp.org.uk/events/ces-8-nervous-system-and-special-senses-organs/>

BSTP CORNER

BSTP Bursary Opportunities for Early Career Pathologists – 2022/2023

The BSTP are able to offer at least **three free places** on each of our Continuing Education Symposiums (CES).

Applications are welcomed from interested members and non-members of the BSTP.

The awarding of funding will be at the discretion of the BSTP Council.

Priority will be given to individuals working within an “**early career**” environment, for example, stipendiary MSc/PhD students, researchers studying/working within a relevant scientific field, or veterinary pathology residents at a recognised institution working towards a professional qualification or gaining more experience within the field of toxicological pathology.

Further information can be found at: <http://www.bstp.org.uk/events/ces-7-infectious-diseases-of-laboratory-animals/> or <http://www.bstp.org.uk/funding-opportunities/>

Webinars

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

Antisense Oligonucleotide-related Macrovesicular Vacuolation of Hippocampal Neurons in Non-Human Primates

A BSTP webinar - in collaboration with the Society of Toxicological Pathology (STP) to be held in December 2022 and the duration of the webinar will be up to 1 hour.

Speakers: Martin Lamb and Annette Romeike

Additional information, including registration details will be available soon.

BSTP webinars - in collaboration with the ESTP/SFPT/BSTP and ECV/ESVP

8th Joint Webinar ESTP/SFPT/BSTP and ECV/ESVP

Thursday November 3, 2022: 16.00 – 18.00 CET

Alternative methods to do research in toxicology – Organ on a chip
Sasha Berdichevski – Emulate

Toxicologic Pathology in the next decade – science and safety

- Role of the toxicological pathologist is changing – Silvia Guionaud
- Why did I choose a career in toxpath? Anna Domènech Fontanals and Fernando Romero Palomo
- Early career network – Simone Tangermann

For information on any events organised by the BSTP, please contact the BSTP Secretariat - bstpsecretariat@gmail.com

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

BSTP CORNER

New Members

The BSTP welcomes new members and is open to anyone with an interest in the field of toxicological or experimental pathology.

The membership year runs from 1st April through to 31st March of each year with no discount or refunds available if joining or cancelling mid-term.

For more information, visit: <http://www.bstp.org.uk/membership-page/>

Future BSTP events are due to take place as follows:

3rd November 2022	Webinar in collaboration with the ESTP/SFPT/BSTP and ECVF/ESVP
13th December 2022	Webinar in collaboration with the Society of Toxicological Pathology (STP)
14th – 23rd March 2023	Virtual CES 7 - Infectious diseases of laboratory animals
11th – 20th July 2023	Virtual CES 8 - Nervous System
November 2023	38th Annual Scientific Meeting & AGM
March 2024	CES 9 - Urinary System
July 2024	CES 10 - Digestive System
November 2024	39th Annual Scientific Meeting & AGM
March 2025	CES 11 - Cardiovascular System
July 2025	CES 12 - Endocrine System
November 2025	40th Annual Scientific Meeting & AGM
March 2026	CES 13 - Lymphoid & Haematopoietic Systems
July 2026	CES 14 - Musculoskeletal System & Skin
November 2026	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.

IDEXX CASECONNEX CORNER

Signalment: 2-year-old, male neutered, Shih Tzu

Source/ History: Non resolving raised red papules of various sizes. Fungal culture came back no growth and minimal response to topical and oral anti-fungals. Lesions have crusting surfaces especially inside the pinnae (left ear more affected than right), inside the left groin, and throughout skin on medial hocks. Has been excessively licking left medial hock where newest lesions are forming.

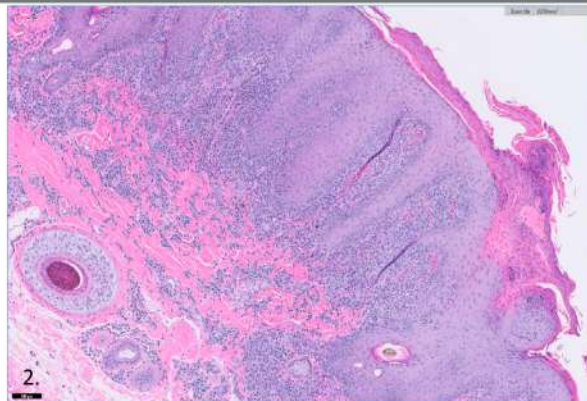
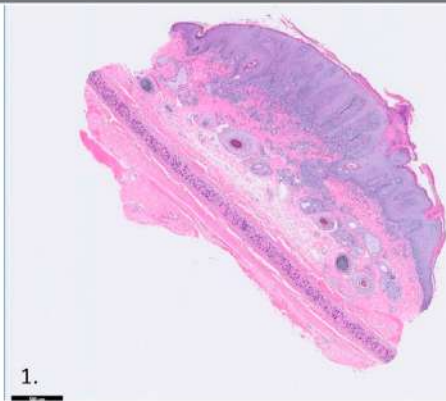
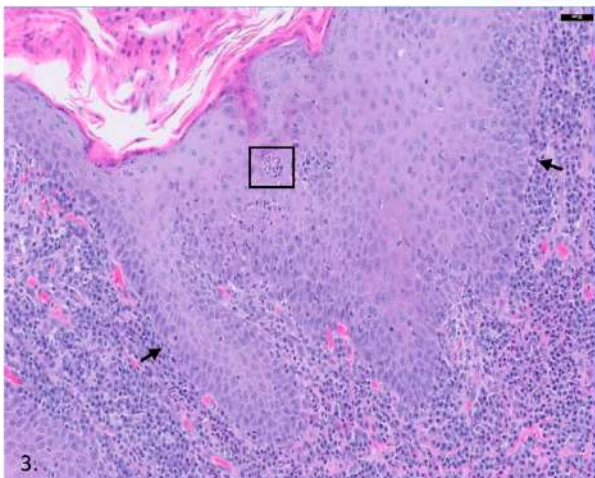


Figure 1. (2X magnification, H&E stain). In a sample from the ear pinna, there is a discrete hyperplastic and hyperkeratotic plaque. Figure 2. (10X magnification, H&E stain). The epidermis is moderately irregularly hyperplastic with parakeratotic hyperkeratosis. Within the dermis, there is a lichenoid infiltrate. Figure 3. (20X magnification, H&E stain). Multifocally in the epidermis are small micropustules (black square), and small numbers of basilar apoptotic keratinocytes (arrows).



MICROSCOPIC DESCRIPTION:

Segmentally, there is discrete moderate irregular epidermal hyperplasia with segmental parakeratotic hyperkeratosis and occasional degenerate cellular crusts. Within the hyperkeratosis and crusts there are scattered small clusters of cocci bacteria. Multifocally, there are small aggregates of degenerate neutrophils and eosinophils in the epidermis (micropustule). Within the superficial to mid dermis is a lichenoid infiltrate of plasma cells, lymphocytes, fewer histiocytes and scattered eosinophils and mast cells. The superficial dermal inflammation occasionally obscures the dermal-epidermal junction and there is mild infiltrate of lymphocytes and histiocytes into the epidermis. There are small numbers of basilar apoptotic keratinocytes in the epidermis. In the superficial dermis, there is mild pigmentary incontinence. There is occasional patchy basilar vacuolation.

INTERPRETATION:

Moderate, chronic, lichenoid, plasmacytic, lymphocytic, histiocytic and mildly eosinophilic dermatitis with mild lymphocytic and histiocytic exocytosis, mild epidermal pustules, moderate irregular epidermal hyperplasia, parakeratotic hyperkeratosis, cellular crusts and surface cocci bacteria

COMMENTS:

The constellation of histologic changes are supportive of a psoriasiform-lichenoid dermatosis (PLD). PLD is characterized clinically by erythematous to yellow, waxy, crusted papules that can coalesce to form multiple well-demarcated lichenoid plaques. In more chronic lesions, adherent keratinous debris covers the plaques, and advanced lesions may appear papillomatous. The concave aspect of the pinnae, periocular region, ventral abdomen, prepuce, perineal region and limbs are commonly affected sites. Pruritus is not usually noted. Lesions may wax and wane.

This condition is considered idiopathic in certain breeds, particularly springer spaniels, but has been seen in English Pointers, Irish Setters, Poodles and a West Highland White Terrier. The idiopathic form is a rare skin disease that may have a hereditary basis and has been proposed to be a reaction to superficial staphylococcus infection in some cases. PLD can also be seen as a cutaneous manifestation of a drug reaction to cyclosporine. Lesions can develop weeks to years after starting cyclosporine.

References: BanovicF, OlivryO, Linder KE and Tobias JR: Pathology in Practice. JAVMA. 245:1237-1239, 2014; Gross, TL, IhrkePE, WalderEJ and AffolterVK (2005) Skin Diseases of the Dog and Cat: Clinical and Histopathologic Diagnosis. Blackwell Science, Oxford, pp.152-155; Werner AH: Psoriasiform-lichenoid-like dermatosis in three dogs treated with micro emulsified cyclosporine A. JAVMA. 223:1013-1016, 2003

MISCELLANEOUS ANNOUNCEMENTS



Become a member of the Latin Comparative Pathology Group



LCPG:

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

Membership Fees:

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

\$30 - Professionals in Latin America

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

\$15 - Students in Latine America

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

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

MISCELLANEOUS ANNOUNCEMENTS

ARCHIVO VETERINARIO DEL ESTE



Davis-Thompson
Foundation



VOLUNTEER WITH US

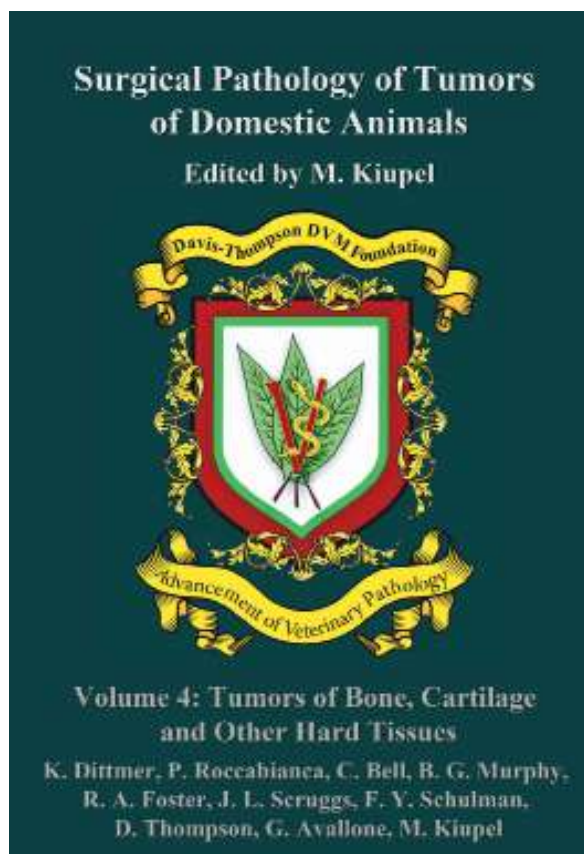
*Advancing education in
veterinary and
comparative pathology*

ASK US HOW!

Please contact one or more of the following if you are interested in volunteering:

- Dr. Koehler: jaw0007@auburn.edu
- Dr. Uzal: fauzal@ucdavis.edu
- Dr. Williams: bruce.h.williams.dvm@gmail.com

MISCELLANEOUS ANNOUNCEMENTS



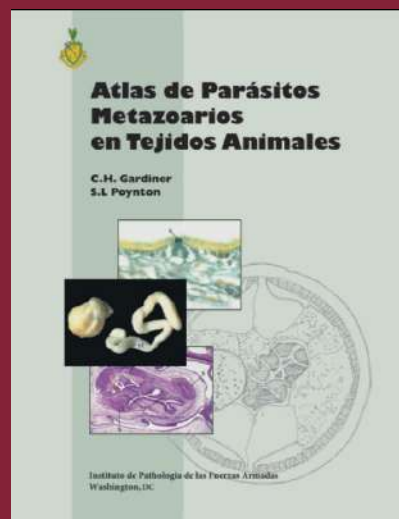
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RETIRING?

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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.



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