

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

A TAX-EXEMPT, DONATIVE, PUBLICLY-SUPPORTED CHARITY FOR THE ADVANCEMENT OF VETERINARY AND COMPARATIVE PATHOLOGY

Managing Editors: S. Shrader, DVM, PhD & J. Asin, DVM, PhD

Senior Editor: B. H. Williams, DVM

Volume 50 Issue 8

August 2020

CHAIRMAN OF THE BOARD Bruce H. Williams, DVM

PRESIDENT

Francisco A. Uzal, DVM, MSc, PhD

BOARD MEMBERS

Cory F. Brayton, DVM James Britt, DVM MS Corrie C. Brown, DVM, PhD Vinicius Carreira, DVM, PhD Francisco Carvallo, DVM, PhD Jennifer Chapman, DVM Mike Dark, DVM Fabio Del Piero, DVM, PhD Stephen M. Dempsey, DVM John F. Edwards, DVM, PhD Mr. Robert Hyman, BA, MS Kyu-Shik Jeong, DVM, PhD Sanja Aleksic-Kovacevic DVM,PhD Matti Kiupel, Dr. med.vet., PhD Jev Koehler, DVM, PhD Ingeborg Langohr, DVM, PhD Eric Lombardini, DVM, PhD Elizabeth McInnes, BVSc, MS Tracey S. McNamara, DVM Lonzy Ojok, BVM, Dr. DVM, PhD Patricia Pesavento, DVM, PhD Simon Priestnall, BVSc, PhD Vladislava S. Rac, DVM, MS Tony Ross, BVSc, MSc, PhD Zadok Ruben, DVM, PhD Brett H. Saladino, DVM Mohamed Slaoui, DVM Elemir Simko, DVM Paul C. Stromberg, DVM, PhD

INSIDE THIS ISSUE

1. Ten years of DE 2. Lymphoma Classification Review 3. <u>POLA 2020</u> 4. August Virtual Seminars 5. Diseases of Small Ruminants 6. Symposium of Ruminant Diseases 7. Surgical Path Vol 3 8. Digital Pathology 9. Australian Saturday seminars 10. Uruguayan Virtual Seminar 11. Argentinean meeting 12. Brazilian Virtual Seminars 13. Oral Pathology ACVP 14. Diagnostic Exercise 15. Diseases of Poultry Review 16. LCPG Membership 17. Wildlife Diseases 18. Southcentral Division 19. Miscellaneous 20. Calendar of Upcoming Events

10 YEARS OF DIAGNOSTIC EXERCISES!!!!!

THANK YOU Dr VINI CARREIRA FOR 10 YEARS OF HARD WORK AS EDITOR IN CHIEF OF THE DIAGNOSTIC EXERCISES



Dr. Vini Carreira

WELCOME Dr CLAUDIO BARROS AS NEW EDITOR IN CHIEF

The Davis-Thompson Foundation is delighted to welcome Dr Claudio Barros, a legend in the field of veterinary pathology, as the new Editor In Chief of the Diagnostic Exercises of the Davis Thompson Foundation and the Latin Comparative Pathology Group.

Dr. Barros took over for Dr Vinicius (Vini) Carreira who served in this role brilliantly for 10+ years and who, together with the Editorial Board, took the DE to the high level and reputation they enjoy today all over the world. Thank you Vini!!



Dr. Claudio Barros

Dr. Barros graduated in Veterinary Medicine from the Federal University of Santa Maria, Brazil, in 1969. He then received his PhD in Veterinary Pathology at Colorado State University in 1980, and did a Post-Doctorate at the Veterinary Pathology Institute of Justus Liebig Universität Giessen, Germany, in 1984. He was a Professor of Pathology at the Federal University of Santa Maria, Rio Grande do Sul, Brazil (1971-2014), and Visiting Professor at Federal University of Mato Grosso do Sul, Brazil (2014-2020)

Continue in next page...

Amongst his many accolades, Claudio was a Member of the Consulting Scientific Committee for Transmissible Spongiform Encephalopathies to the Brazilian Ministry of Agriculture, Livestock and Supply and a member of the Brazilian College of Animal Pathology. He is an Emeritus Member of the Brazilian Association of Veterinary Pathology and Honorary Member of the American College of Veterinary Pathologists. He was the Editor in Chief of "Pesquisa Veterinária Brasileira" (Brazilian Journal of Veterinary Research) for many years. He was the recipient of the Paulo Dacorso Filho award, 2016 edition, conferred by the Federal Council of Veterinary Medicine of Brazil. Claudio has been a teacher and mentor of many generations of Brazilian pathologists and he is one of the greatest pathologists in Latin America and the world.

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. The main goal of these Diagnostic Exercises is to provide the membership and enthusiasts with interesting cases, focusing on the gross lesions and associated histopathologic or cytologic findings. This material can be of great use for veterinary students, in-training pathologists, and ACVP diplomates alike.

Consider submitting an exercise! All previous diagnostic exercises are posted on the Davis/Thompson Foundation website <u>http://www.cldavis.org/diagnostic exercises.html</u> To submit a case please send the full case write up and images to <u>diagnostic exercise_submission@list.cldavis.org</u>

WHO knew?

Participants Review of Primer on the WHO Classification of Lymphoma

By Laura Setyo BVSc (Hons), MRCVS, MANZCVS (Veterinary Pathology), Diplomate ACVP



On 24th July, Dr. Amy Durham (University of Pennsylvania) gave a wonderful introduction to the diagnostic approach for the WHO classification system in lymphoma. Aimed at residents, trainees and individuals who haven't had experience in applying this classification system, Dr. Durham provided the basic algorithm for lymphoma subtyping, as well as a brief review of current and future additional diagnostics.

The diagnostic steps provided are straightforward, and covered in detail during the talk:

- 1. Is it lymphoma?
- 2. Is it a nodular or diffuse expansion?
- 3. What are the size of the cells (small, medium, large)?
- 4. Are there mitoses (this affects the grade of lymphoma, with high grade lymphomas being >10 mitoses/40X field)?
- 5. What is the immunophenotype (B-cell, plasma cell, T-cell, other)?

Following a thorough explanation of the algorithm, several cases were reviewed to ensure the material sunk in. A truly useful talk that left me frantically taking notes; the useful visual aids, flow charts and tables would make any systematic pathologist's mind squeal with glee!







SYMPOSIUM OF RUMINANT DISEASES August 14, 2020 - Online

Language: Spanish

Price: US\$ 15/ 10.000 CLP

SPEAKERS

Dr. Germán Cantón, MV, PhD Fetal Pathology & Abortigenic Diseases

Dr. Santiago Diab, MV, DACVP Pathology of the Nervous System

Dr. Alfonso López Mayagoitia, MVZ, MSc, PhD Sepsis, Septicemia y Shock

Dr. Enrique Paredes Herbach, MV, Dr. med. vet. Pathology of the Digestive System

For more information: symposiumvet@upv.cl (Dra. C. Echeverria & Dr. C. Flores).

RGANIZAN

UPU

UNIVERSIDAD PEDRO DE VALDIVIA





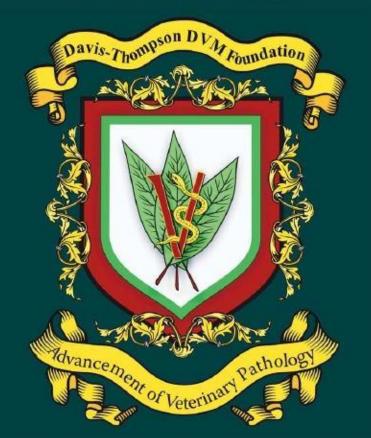


REGISTER HERE:

https://symposiumruminant.upv.cl

Surgical Pathology of Tumors of Domestic Animals

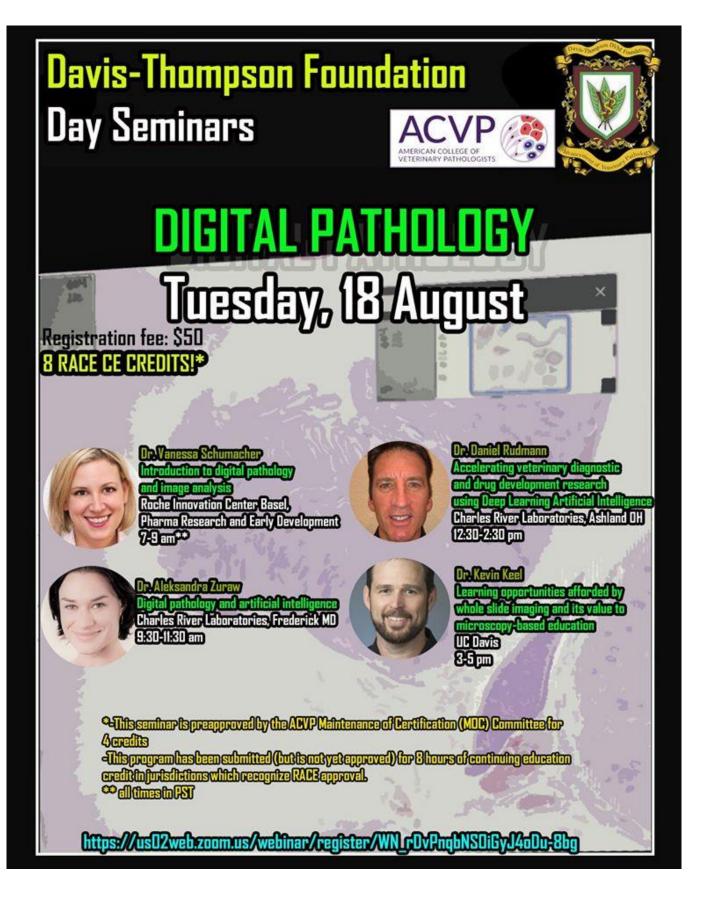
Edited by M. Kiupel



Volume 3: Tumors of Soft Tissue

P. Roccabianca, F. Y. Schulman, G. Avallone, R. A. Foster, J. L. Scruggs, K. Dittmer, M. Kiupel

AVAILABLE FALL 2020!







Registration:

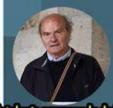
https://us02web.zoom.us/webinar/register/WN_ehCoJeTyROaq-JCd1G90FA

XIII Seminario de la Fundación GL Davis-SW Thompson en Argentina Patología de las enfermedades emergentes y reemergentes de los cerdos

Miéreoles 2 de Setiembre de 2020



Patología comparada de las neumonías virales en cerdos Dr. Joaquím Segalés. Universidad Autónoma de Barcelona (UAB)



1 40 ontina

Patología comparada de las enteritis virales neonatales

y La reemergencia de los Coronavirus del cerdo en el marco de la pandemia del SARS-CoV2 Or. Carlos J. Perfuno Universidad Nacional de La Plata (UNLP)





Presentación de casos clínicos: patología y otros estudios realizados para su resolución diagnóstica Or. Pablo E. Pineyro Pineiro Universidad Estatal de IOWA (ISU - EE.UU)

Para más información y inscripciones: https://us02web.zoom.us/webinar/register/WN_ID8rxJcbSj6lEx6kDsTEXA







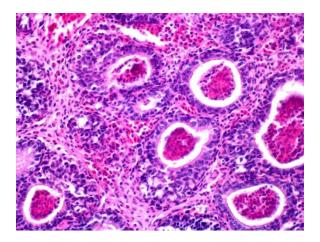
Contributor: Carlos Daniel Gornatti-Churria, Med. Vet., Dr. Cs. Vet., Post-Doc CONICET. Facultad de Ciencias Veterinarias, 60 y 118 s/n°(CC 296 B1900AVW), Universidad Nacional de La Platay Comité Nacional de Investigaciones Científicas y Técnicas (CONICET CCT La Plata). La Plata, Provincia de Buenos Aires, Argentina.

Clinical History: Two 2-day-old nestling racing pigeons were submitted for postmortem examination and diagnostic work-up. Both birds belonged to a small racing pigeon loftin which massive mortality of nestlings had recently happened. A full necropsy was performed on both birds. Liver samples from both birds were collected, inoculated onto Mac Conkey and blood agar plates and incubated aerobically at 37°C for 24 h. In addition, several organs of both pigeons were sampled and fixed in 10% buffered formalin for 48 h, before being processed routinely to produce hematoxylin and eosin (H&E) sections.

Necropsy Findings: A remarkable atrophy of the bursasof Fabricius was noted in both birds. **Ancillary Testing:** No bacterial growth was observed on the Mac Conkey and blood agar plates inoculated with liver from each bird.

Microscopic Findings:





Follow Up Questions: Microscopic description; Morphologic diagnosis; Two possible causes.

Answers and more info <u>here</u>!*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!

An Egg-citing Day!

Participants Review of Diseases of Poultry

By Laura Setyo BVSc (Hons), MRCVS, MANZCVS (Veterinary Pathology), Diplomate ACVP

On 21st July, the Davis-Thompson Foundation wowed us with a day of RACE-accredited continuing education on poultry disease. The major diseases were covered, with the spotlight placed on neoplasia, clostridial diseases and histopathology.

First off, was Dr. Brigid Troan (North Carolina Zoological Park) who explored neoplasia in poultry. She highlighted the age-old adage which gets tossed around the pathology world: "Every backyard chicken has Marek's, unless proven otherwise!" To start she contrasted neoplastic lymphocytes with normal populations by giving us an overview of the "Home Sweet Home" of lymphoid aggregates within the bird. She delved in detail into the infamous Mardivirus, Marek's disease, and left us with an important take-home message: Marek's disease vaccination is NOT sterilising and does not guarantee the absence of disease!

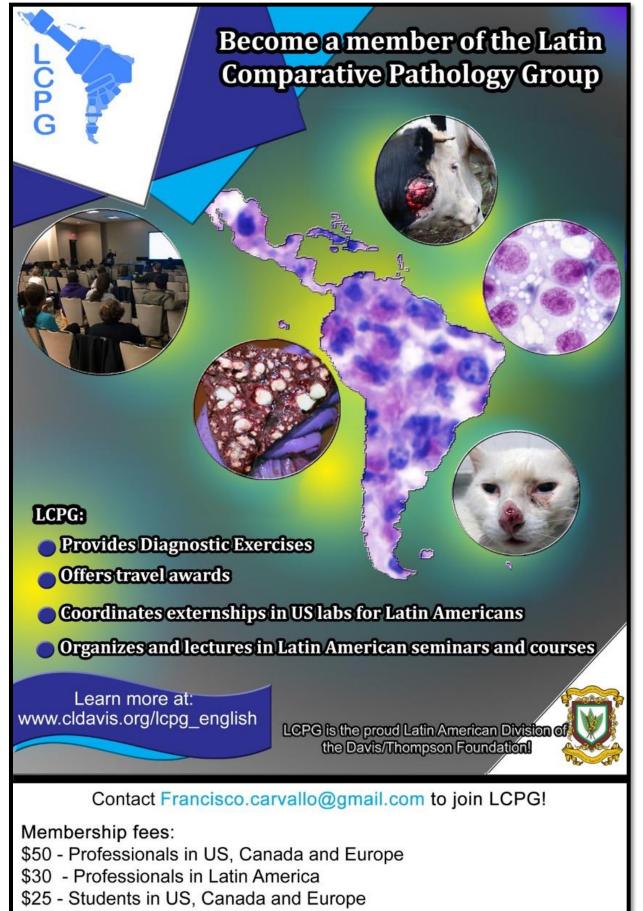
After the first break, Dr. H. L. Shivaprasad (University of California, Davis) gave an excellent review of the pathology of non-neoplastic poultry diseases. He spoke about the common bacterial (colibacillosis – AEEC commonly involves the ceca-, salmonellosis, mycoplasmosis, bordetellosis

(aspergillosis, and more). fungal candidiasis, megabacteriosis), viral (ILT, infectious bronchitis, Newcastle disease, avian influenza, fowl pox, IBD, transmissible viral proventriculitis, adenovirosis) and parasitic diseases (renal coccidiosis, cryptosporidiosis, leukocytozoonosis, gapeworm infections); lead toxicity and metabolic diseases (amyloidosis, gout, aortic rupture). His collection of photographs is amazing, and the breadth and depth of his knowledge wowed us all!

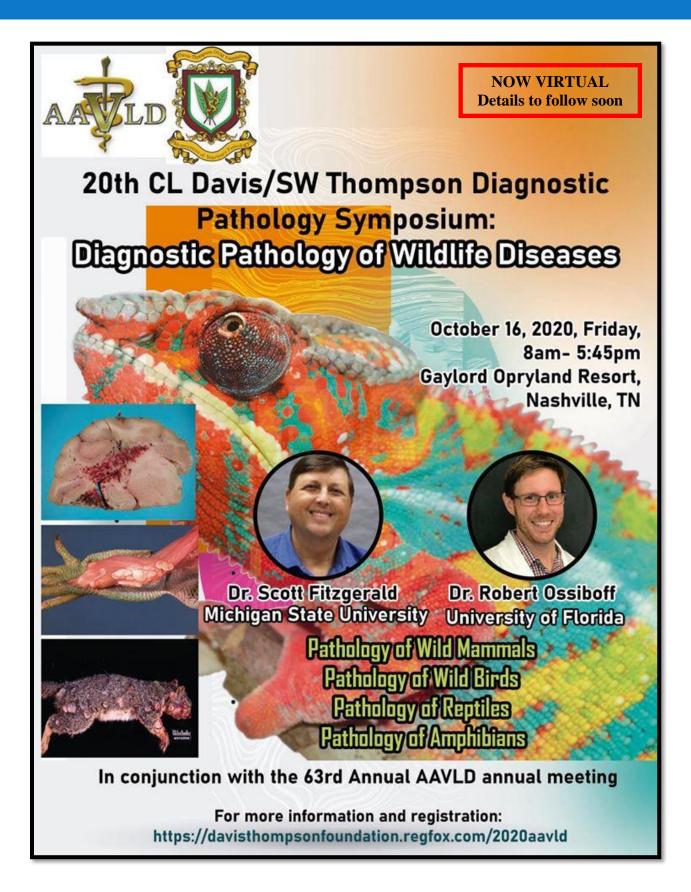


After lunch, Dr. Monique Franca (University of Georgia) took us through the important clostridial diseases in the chicken and turkey and other differential diagnoses for gastrointestinal necrosis in poultry. Contrary to popular belief, not all clostridial diseases in poultry affect the GI tract! From necrotic enteritis to gangrenous dermatitis, Dr. Franca took us through these diseases with flair and her presentation was accompanied by wonderful images of the diseases themselves. Finally, Dr. Susan Williams (University of Georgia) took pathologists through a refresher on the microscopic diseases of poultry. We are grateful to Dr. Williams for generously taking the time to re-record this webinar following the live webinar, due to a problem with the recording. Dr. Williams is a wealth of knowledge and this session did a great job of tying everything together, with necropsy tips, gross images and discussions on the microscopic appearance of diseases of poultry.

A truly egg-cellent day with something for the whole flock!



\$15 - Students in Latin America



August 2020



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.

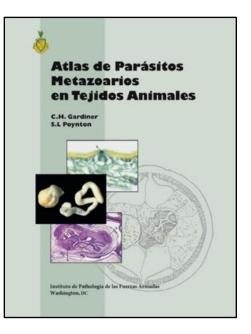
Davis-Thompson Foundation Pathology Externship

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.

Did you know?

The "An Atlas of Metazoan Parasites in Animal Tissues" by Gardiner and Poynton is available on line? ...and **in Spanish !!!**

Check it out here: http://cldavis.org/PDFs/atlas_esp.pdf



CALENDAR FOR UPCOMING EVENTS 2020

North America				
Country	Course	Date	Venue	Contact
USA	POLA 2020	August 3-7	VIRTUAL	Robert Kim robkkim@gmail.com
	30 Annual Southcentral Division Meeting	October 2-3	VIRTUAL Details TBD	Jim Britt, Ed Dick jobritt@sbcglobal.net
	20 th Annual Diagnostic Pathology Seminar-AAVLD	October 16	VIRTUAL Details TBD	Matti Kiupel kiupel@msu.edu
	ACVP Pre-Conference workshop	October 27	VIRTUAL	Jennifer Chapman chapmanjl@verizon.net
	Free Friday Seminars	Weekly: through December	VIRTUAL	Bruce Williams bruce.h.williams.dvm@gmail.com Paco Uzal fauzal@ucdavis.edu
	Tuesday Day Seminars	Every second or fourth week: through December	VIRTUAL	Bruce Williams bruce.h.williams.dvm@gmail.com Paco Uzal fauzal@ucdavis.edu
Oceania				
Country	Course	Date	Venue	Contact
Australia	Saturday seminars	Monthly: August through November	VIRTUAL	Tony Ross tony.rossvetpath@hotmail.com Hanna Bender hanbender@gmail.com
Latin America				
Country	Course	Date	Venue	Contact
Argentina	13 th Argentinean Seminar	September 2	VIRTUAL	Alejandra Quiroga maquiroga.unlp@gmail.com
Chile	Ruminant Symposium	August 14	VIRTUAL	Carlos Flores flores.carlos.vet@gmail.com
Mexico	2 st Mexican Seminar	TBD	Universidad Nacional Autonoma de Mexico, Mexico City	Laura Romero Romero lromeror@unam.mx
Uruguay	6 th Uruguayan Seminar	August 31	VIRTUAL	José Manuel Verdes jmverdes@fvet.edu.uy
Brasil	Brazilian virtual seminars	August through November	VIRTUAL	Breno Salgado <breno.salgado@ufes.br></breno.salgado@ufes.br>