The Davis-Thompson Foundation convenes in Arnhem, the Netherlands

The 2019 Davis-Thompson Foundation European Symposium was held at the van der Valk hotel near Arnhem, the Netherlands, from the 24 to 25 September, 2019. Delegates enjoyed lectures by Drs Judy St Leger, Dee McAloose and Karen Terio, coauthors of the recently published book on the pathology of wildlife and zoo animals. The delegates learnt about the uropygial gland in birds and Bidder’s organ in amphibians as well as the prevalence of mycobacteriosis in a number of zoo and marine species and the African buffalo. Each speaker conducted an interactive case discussion with mystery slides including anthrax in a lion, Chytrid fungus in Kihansi spray toads and tularemia in cottontail rabbits. These sessions proved highly popular and delegates learnt about liver lesions in skunks caused by the illegal use of DDT to control mosquitoes on a golf course in the US as well as migrating cerebral parasites in squirrels. Delegates, speakers and organizers met on the Tuesday evening for the Welcome Reception with drinks and canapes in the hotel and all enjoyed the networking opportunity. All of the speakers were rated very highly in the feedback survey.

Continued on page 2...
Drs Judy St Leger, Dee McAloose and Karen Terio as well as organizers Liz McInnes and Simon Priestnall at the Davis Thompson Foundation European Symposium in Arnhem, the Netherlands

This year there were three bursary recipients. They were Lucia Paréns-González (Spain), Andreia Garcês (Portugal) and Francesco Prisco (Italy) and they were very grateful to the Davis-Thompson DVM Foundation European Division for awarding them with their stipends. Arnhem is probably most famous for its association with the Battle of Arnhem during the Allied Operation Market Garden in the Second World. It was fought in and around the Dutch towns of Arnhem, Oosterbeek, Wolfheze and Driel and the surrounding countryside from 17–26 September 1944. A museum at Oosterbeek gives visitors an overview of the unsuccessful battle and the defense of Oosterbeek and eventual Allied retreat across the river Rhine. Visitors can also view the John Foster Bridge in the centre of Arnhem, and of course the world famous Burgers’ Zoo, venue for the subsequent combine ECVP/ESVCP meeting.

The 2020 Davis-Thompson European Symposium will be held in Torino, Italy from 24 to 25 August. The speakers are Drs Cory Brayton and Denise Imai speaking on mouse pathology, phenotyping, background lesions in rodents and infectious disease in rodents.

**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.
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.

CES 3: Carcinogenesis
March 2020 - Department of Pathology, Cambridge, UK
Registration for this symposium will open in December 2019

This Continuing Education Symposium will provide an intermediate level overview on Carcinogenesis and the challenges with current research models. Topics to be covered include (but are not limited to): How to understand the relevance/future of rodent 104 week studies; how to interpret carcinogenicity data in the risk assessment of novel chemicals and pharmaceuticals; familiarisation with the latest molecular techniques used in the research and exploration of carcinogenesis; how to differentiate spontaneous from test article-related lesions and tumours and, follow real-world case studies to refine your skills and knowledge around regulatory authority. The format will include presentations, case histories and active participation of delegates. The Continuing Education Symposium will be of 3 days duration and the programme will be arranged such that each individual day can be attended as stand-alone CPD if desired.

For more information on any of these meetings, keep checking the website - http://www.bstp.org.uk/events or contact the BSTP Secretariat - bstpoffice@aol.com
Diagnostic Exercise
From The Davis-Thompson Foundation*

Case #111  Month: December  Year: 2018

Contributors: Luís Antônio Scalabrin Tondo*, veterinary student; and colleagues from Universidade Federal de Santa Maria (UFSM), Santa Maria, Rio Grande do Sul, Brazil.

Clinical History: A 13-year-old, medium-sized, intact female mongrel dog presented with a large tumor in the thoracic/sternal region. The physical exam did not reveal any cardiac or respiratory abnormalities. Blood tests and X-ray were performed. A surgery was scheduled to remove the tumor; however, due to rapid tumor growth in the following days, the dog was submitted to euthanasia prior to the procedure.

Laboratory Findings: Blood tests revealed normochromic normocytic anemia, leukocytosis due to neutrophilia and increased alkaline phosphatase (1.059 IU/L [reference: 20-56 IU/L]). In the chest radiograph, a radiopaque mass was observed involving the sternal area and ribs and invading the thoracic cavity.

Necropsy Findings:

Follow-up questions: Morphologic diagnoses (mass involving the ribs and the endocardial nodules); potential physical exam finding associated with the cardiac lesion; potential findings in other organs.

Answers and more info here!

*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!
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

Learn more at: www.cldavis.org/lcpg_english

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

Contact Francisco.carvallo@gmail.com to join LCPG!

Membership fees:
$50 - Professionals in US, Canada and Europe
$30 - Professionals in Latin America
$25 - Students in US, Canada and Europe
$15 - Students in Latin America
Surgical Pathology of Tumors of Domestic Animals
Edited by M. Kiupel

Volume 2: Mammary Tumors

V. Zappalà, L. Peña, R. Rosotto, M. H. Goldschmidl, A. Gano, J. L. Scronge, M. Kiupel

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Workshop on Pathology and Avian Diseases

Bangladesh Agricultural University,
Mymensingh, Bangladesh,
Dec 9-12 2019

For more information:
Dr. Emdadul Haque Chowdhury (emdad001@yahoo.uk)
5th Uruguayan CL Davis / W Thompson Foundation Seminar
December, 2 - 3, 2019, Montevideo, Uruguay
(Digestive tract diseases & Wildlife diseases)

Venue: Veterinary School, Universidad de la Republica. Av. Alberto Lasplaces 1620, CP 11600, Montevideo, Uruguay (http://fvet.edu.uy/).

Organizers: Veterinary School, Universidad de la Republica (FVET-UdelaR), National Veterinary Laboratories (DILAVE) “Miguel C. Rubino”, National Institute of Agricultural Research (INIA), CL Davis/W Thompson Foundation (Uruguayan Sub-Division), Latin Comparative Pathology Group.

Keynote speakers (CLDavis/WThompson Foundation):
Francisco A. Uzal, DMV, MSc, PhD, DACVP, UC Davis School of Veterinary Medicine, US.
José Díaz Delgado, DMV, MSc, PhD, DACVP, Texas A&M Veterinary Medical Diagnostic Laboratory, US.

Local speakers: Kanji Yamashita, DMV, MSc, PhD, DICVP; Luis Alhormaz, DMV, MSc, PhD; Ricardo Siemra, DMV, MSc; Gimena Feijoo, DMV; Alejandro Crampet, DMV; Enrique Nogueira, DMV; Cecilia Abreu, DMV; José Manuel Verdes, DMV, MSc, PhD; Veterinary School, Universidad de la Republica, Uruguay.

REGISTRATIONS: US$ 60. Veterinary School Registration Office, UdelaR: Marco Podesta Foundation (fundacionmarcopodesta@gmail.com).

LIMITED SITE AVAILABLE: 150.

CONTACTS: Prof. Dr. José Manuel Verdes (jmverdes@fvet.edu.uy).
2020 General Pathology Review Course

Featuring:

Dr. Denise Imai
Hemodynamics

Dr. Brad Bolon
Toxicologic Pathology

And more:
Cellular responses to injury
Inflammation and Repair
Immunity and Hypersensitivity
Neoplasia
Microbial mechanisms of disease

Location: College of Veterinary Medicine, UC Davis,
School of Veterinary Medicine Davis, California
Dates: January 23-26th 2020
More information:
http://www.cldavis.org/upcoming.html#240
“1st Costa Rican Meeting of the CL Davis SW Thompson Foundation”
April 17-18-19, 2020

**Program**

**Friday, Small Animals:**
- **08:30 - 09:00:** Registration.
- **09:00 - 11:00:** Gross diagnosis in veterinary pathology. Francisco Uzal.
- **11:00 - 11:15:** Coffee break. Leonardo Minatel.
- **11:15 - 12:15:** Pathology of liver, pancreas and peritoneum. Leonardo Minatel.
- **12:15 - 13:45:** Lunch. Leonardo Minatel.
- **13:45 - 15:15:** Alimentary pathology. Leonardo Minatel.
- **15:15 - 15:45:** Coffee break.

**15:45 - 17:15:** Respiratory diseases. Leonardo Minatel.

**Saturday, Cattle:**
- **08:30 - 08:30:** Registration. Leonardo Minatel.
- **08:30 - 10:00:** Necropsy techniques and sampling in large animals. Leonardo Minatel.
- **10:00 - 10:30:** Coffee break. Francisco Uzal.
- **10:30 - 12:00:** Clostridial diseases. Francisco Uzal.
- **12:00 - 13:30:** Lunch. Leonardo Minatel.
- **13:30 - 15:00:** Alimentary pathology. Francisco Uzal.

**15:00 - 15:30:** Coffee break. Leonardo Minatel.
**15:30 - 16:30:** Respiratory diseases. Francisco Uzal.
**16:30 - 17:30:** Bovine abortion. Francisco Uzal.

**Sunday 19:**
**08:30 - 09:00:** Registration.
**09:00 - 12:00:** Practical seminar on interpretation of macroscopic lesions. Francisco Uzal, Leonardo Minatel, Roberto Olives.

**Location:**
Auditorio, Escuela de Cirugía y Medicina Veterinaria
San Francisco de Asís, Universidad Veritas.
San Rafael, Vázquez de Coronado, San José, Costa Rica.

**Faculty:**
- Francisco Uzal, DVM, MSc, PhD, DACVP, University of California-Davis, USA.
- Leonardo Minatel, DVM, PhD, University of Buenos Aires, Argentina.

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**Information and registration:**
Dr. Roberto W. I. Olivares,
Dr. Fernando Robles Herrera,
Dra. Paula Peña Álvarez
Escuela de Cirugía y Medicina Veterinaria
San Francisco de Asís, Universidad Veritas.
San Rafael, Vázquez de Coronado,
San José, Costa Rica.

E-Mail: lapave@veterinariaveritas.ac.cr
Phone: +506 2292-6811 (ext 7)
Phone (WhatsApp only): +506 8723-7673

**Registration:**
- **April 17 and 18:**
  - $25 veterinary medicine students (lunch and coffee included) Limited access.
  - $35 General (lunch and coffee included) Limited access.
- **April 19:**
  - $10 General (limited access) Limited access.

**Account for registration:**
MAQUEP VETERINARIA S.A. 3-101-684987
BANCO NACIONAL DE COSTA RICA
DOLLARS
Current account
100-02-204-000182-5
Client account
151204-100-20001821
IBAN account
CR60015120410020001821
I Seminar of the Mexican Subdivision, Davis – Thompson Foundation

The first seminar of the Mexican Subdivision of the Davis/Thompson Foundation was held at Universidad Nacional Autonoma de Mexico (UNAM), in Mexico City, on October 17 and 18, 2019. This seminar was organized by Dr Laura Romero, Head of the Animal Pathology Department of UNAM, and also President of the Mexican Society of Veterinary Pathology. Dr Francisco Carvallo (Virginia Tech) opened the session with Elements of Descriptive Pathology and Gross and Microscopic Correlations. After that, Dr Patricia Pesavento (UC Davis) delighted the attendees with Gross and Microscopic Correlation in the Gastrointestinal Tract. Then, Dr Francisco Uzal gave very comprehensive lectures on Introduction to Gastrointestinal Pathology and Alimentary Pathology of Horses, which included his famous equine cecum and colon model. Next, Dr Pesavento provided very interesting lectures on Viral Discovery and Evolving Diseases. At the end, the attendees took gross and histopathology interpretative mock exams, which were reviewed and discussed by the faculty and attendees. The audience included more than 100 faculty members, diagnosticians, private practitioners and undergraduate and post-graduate veterinary students that came from all over Mexico and several other Latinamerican countries.

There was time for other activities, in which the course faculty had the opportunity to interact with students in a multiheaded microscope analyzing interesting cases provided by the students. In addition, the speakers were able to enjoy “tacos al pastor”, a classical taco preparation unique for Mexico City.
SAVE THE DATE

2nd Egyptian meeting of the
CL Davis/SW Thompson Foundation
Guest House, Cairo University, Giza 12211
1-3 March, 2020

Dr. Kevin Woolard
Neuropathology

Dr. Tawfik Aboellail
Surgical pathology and
dermatopathology

Dr. Francisco Uzal
Gastroenterology
LCPG Veterinary Pathology Externship award

Starting in 2016, the LCPG (Latin Comparative Pathology Group, the Latin American division of the Davis-Thompson foundation) has been giving travel awards to help students and veterinarians from Latin America to do short externships in veterinary pathology anywhere in the world.

During 2019, the LCPG was able to support two young and motivated veterinarians in this endeavor. We are proud to introduce Drs. Ignacio Alvarez and Nicolas Streitenberger, both from Argentina, who this year were selected for the LCPG travel award after a competitive and thorough selection process, and were awarded $350.00 and a diploma each.

Dr. Ignacio Alvarez (Argentina) spent four months (February – May 2019) at the National Veterinary Institute (SVA), Swedish University of Agricultural Sciences, Uppsala, Sweden, under the supervision of Dr. Jean-Francois Valarcher. During Dr. Alvarez’s time in Sweden, he worked in the ruminant’s clinic, with emphasis on respiratory diseases. In addition, he participated in the daily necropsies performed at the Pathology Department of the SVA, gaining valuable experience on diseases of domestic and wild animals. “I would like to take this opportunity to congratulate the LCPG for this opportunity that is being offered to veterinarians from Latin America, generating a stronger link with pathology”, said Dr. Alvarez at the end of his rotation.

Dr. Nicolas Streitenberger (Argentina) just started his 3-month visit to the San Bernardino Branch of the California Animal Health and Food Safety laboratory system, under the supervision of Dr. Francisco Uzal, with whom he will participating of the daily diagnostic activities of the lab and will also be taking part of a research project on ruminal acidosis, while he is finishing his PhD at La Plata University, Argentina, which focuses on respiratory viruses in feedlot cattle. “I am writing to extend my most sincere gratitude to LCPG for granting me this year’s Externship Award. Thank you so much again for helping me broaden my education in veterinary pathology” said Dr. Streitenberger at the beginning of his rotation.

Dr. Jean-Francois Valarcher (sponsor) and Dr. Ignacio Alvarez, recipient of the 2018 LCPG veterinary pathology externship award.

Dr. Francisco Uzal (sponsor) and Dr. Nicolás Streitenberger, recipient of the 2018 LCPG veterinary pathology externship award.
CALENDAR OF UPCOMING EVENTS

December 2019
12/2-12/3  Uruguayan Foundation Seminar
12/09-12/12 Workshop on pathology and avian diseases, Bangladesh

January 2020
1/23-1/26  General Pathology Review Course

March 2020
03/01-03/03  2nd Egyptian Meeting of the Davis-Thompson Foundation

April 2020
4/17-4/18  1st Costa Rican Meeting of Davis-Thompson Foundation