2018 European Symposium
Dermatopathology in Romania

The speakers, organizers and bursary recipients at the Davis Thompson European Symposium in Cluj Napoca, Romania

The 2018 Davis-Thompson Foundation European Symposium was held in Cluj-Napoca, Romania from the 4 to 5 September 2018. Delegates enjoyed lectures by Prof. Verena Affolter and Dr. Charles Bradley on the structure, function and patterns of inflammatory diseases in the skin and integrating ancillary testing into dermatopathology. In addition, Verena and Charles conducted highly interactive case discussions with keen audience participation around pustular and vesicular skin diseases and interface dermatitis. These sessions proved highly popular and Verena and Charles presented a polished, informative and amusing double act on these topics. Delegates, speakers and organizers met that evening for the Welcome Reception with drinks and canapes in the hotel and all enjoyed the networking opportunity.

The following day Verena and Charles lectured on inflammatory skin lesions and round cell tumors and the speakers included another two lively, interactive sessions on alopecia and round cell tumors. Both speakers were rated very highly in the feedback survey.

Continued on page 2...
This year we organized a competition for the best Diagnostic Exercise entered by a delegate. The winner was Alejandro Suárez-Bonnet with a case report on an esophageal plasmacytoma in a dog. He won a copy of the book ‘Comparative Anatomy and Histology: A Rat, Mouse and Human Atlas’ by Treuting, Dintzis and Montine and his winning entry will be circulated as part of the LCPG Diagnostic Exercises organized by Vinicius Carreira.

This year there were seven bursary recipients. They were Alessandro Sammarco (Italy), Lucia Barreno San Antolin (Spain), Ioanna Stylianaki (Greece), Jana Müller (Germany), David Walker (UK), Milan Aničić (Serbia) and Katarzyna Paździor-Czapula (Poland) and they were very grateful to Davis-Thompson DVM Foundation European Division for awarding them with their stipends.

The city of Cluj Napoca delivered many delights including the Baroque-Rococo architecture of the National Theater, the Iuliu Maniu Mirror Street with each side projecting identical buildings into the street and the fortress of Cetatuia on a hill, which affords excellent views over the city.

The 2019 Davis-Thompson European Symposium will be held in Arnhem, the Netherlands from 24 to 25 September. The speakers are Drs Judy St Leger, Karen Terio and Denise McAloose speaking on Wildlife and Zoo Animal Pathology!

Liz McInnes

The Matthias Corvinus Monument in Cluj Napoca
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 williams@cldavis.org.

From the Davis-Thompson Foundation Store

What is the largest selling book ever in veterinary pathology?

You may not know this, but John King’s Necropsy Book (now in its fifth edition) has sold more copies around the world than any other book in our specialty. Pocket-sized and packed with down-to-earth knowledge when you need it (right there on the necropsy floor), it is a must-have for every pathologist and pathologist in training. This edition contains things that you won’t find in any other pathology textbook – the best autopsy techniques, classic “non-lesions” encountered in various species, even characteristic smells encountered with certain diseases, and all for only $40 (plus $8 for international shipping). To order, visit http://store.cldavis.org or call 1-847-367-4359.
Diagnostic Exercise
From The Davis-Thompson Foundation*

Case #96: Month: May Year: 2018

Contributors: Mariana Martins Flores*, DMV, MS, Doctor in Veterinary Pathology; Douglas Lorensetti*, veterinary student; Cristina Prade Ramos, veterinary student; Harlan Hallamys Nascimento*, DVM, MS candidate. *Laboratory of Veterinary Pathology, Universidade Federal de Santa Maria (UFSM), Santa Maria, Rio Grande do Sul, Brazil.

Clinical History: This 13-year-old mare presented with clinical signs of colic including restlessness, anorexia, bloody nasal discharge and rolling on the ground. The abdomen was firm on palpation. The horse died acutely and the owner requested a post mortem exam. Other animals from the farm were clinically normal. The horses had access to a water reservoir (dam).

Gross Image:

Follow-up questions: Based on the above gross and histologic pictures, what is the most probable cause (agent)? How do we call the yellow, friable, well-demarked structures observed in the intestinal wall (Figure 2, arrows)? What is the most probable source of infection of this horse with this pathogen? Describe the classic presentation of this disease in horses.

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
2018
Davis-Thompson Foundation/ACVP
Diagnostic Path Workshop
3 November 2018
Washington, DC

Pathology of Endocrine Diseases

Dr. Donald J. Meuten
DVM, PhD, DACVP

Schedule

8:00-8:15  Welcome
8:15-9:45  Parathyroid and Calcium Disorders
9:45-10:15 Break
10:15-11:15 Hyperadrenocorticism
11:15-12:00 Standardization and Validation of Oncology Studies
12:00-1:15 Lunch
1:15-3:00  Hypoadrenocorticism, Disorders of the Pituitary gland
           and Endocrine Pancreas
3:00-3:30  Break
3:30-5:00  Thyroid gland disorders

Filled with Anatomic clinicopathologic correlations!

Register for this workshop with your ACVP registration
https://www.acvp.org/page/Registration_2018
‘3rd Meeting of the CL Davis/SW Thompson Foundation – Peruvian Division: Diseases of cattle’
Pre-Congreso de Medicina Veterinaria y Zootecnia- Arequipa, Perú: Patologías en Bovinos
November 16-17- 2018

Location: Arequipa, Perú
Address: Universidad Católica de Santa María, Urb. San José s/n, Umacollo, Auditorio “Santa María”
Faculty: Escuela Profesional de Medicina Veterinaria y Zootecnia
Speakers:
   • Francisco A Uzal, DVM, MSc, PhD, DACVP, University of California- Davis, US
   • Claus Buergelt, DVM, PhD, DACVP, University of Florida, US
   • Fernando Fernández Fernández, PhD, MSc., 2da. Esp., Dipl., MV., Universidad Católica de Santa María, Arequipa, Perú

Program:
Friday 16 November:
09:00 – 10:30: Gross diagnosis in veterinary pathology. F. Uzal
10:30 – 11:00: Coffee break
11:00 – 12:00: Reproductive diseases. C. Buergelt
12:00 – 14:00: Lunch
14:00 - 14:30: Reproductive diseases. C. Buergelt
14:30 – 15:30: Alimentary diseases, part I. F. Uzal
15:30 – 16:00: Coffee break
16:00 - 17:00: Alimentary diseases, part II. F. Uzal

Saturday 17 November:
09:00 – 09:30 Gross and microscopic changes in liver at slaughterhouse. F. Fernández F.
09:30 – 10:30 Respiratory diseases. C. Buergelt
10:30 – 11:00: Coffee break
11:00 – 12:00: Clostridial diseases. F. Uzal

Information and registration:
Dr Fernando Fernandez Fernandez, Arequipa, Peru. Email: ffernandez@ucsm.edu.pe; ffernandezfernandez@gmail.com

Registration Fee:
Professionals: 100 PEN (Peruvian soles) ~ 35 USD.
Students: 60 PEN (Peruvian soles) ~ 20 USD.
# Latin Comparative Pathology

## Davis-Thompson Foundation

## Calendar of Courses in Latin America 2018

<table>
<thead>
<tr>
<th>Country</th>
<th>Course</th>
<th>Date</th>
<th>Venue</th>
<th>Invited speakers</th>
<th>Main topics</th>
<th>Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>Perú</td>
<td>3rd Peruvian Seminar of the Davis-Thompson Foundation</td>
<td>November 16-17</td>
<td>Universidad Católica de Santa María, Arequipa, Peru</td>
<td>* Fernando Fernandez Fernandez (Universidad Católica de Santa María, Peru)  * Francisco Ural (UCDavis, USA)</td>
<td>Diseases of cattle</td>
<td>Dr Fernando Fernandez Fernandez, <a href="mailto:ffernandez@ucsm.edu.pe">ffernandez@ucsm.edu.pe</a> <a href="mailto:ffernandez@ffernandez@gmail.com">ffernandez@ffernandez@gmail.com</a></td>
</tr>
</tbody>
</table>
2019 General Veterinary Pathology Review Course

31 Jan – 3 Feb
University of Georgia
Athens, GA

Cellular responses to injury
Hemodynamics
Inflammation and Repair
Immunity and Hypersensitivity
Neoplasia
Toxicologic Pathology
Microbial mechanisms of disease

More information:
Dr. Patricia Pesavento (papesavento@ucdavis.edu)
http://www.cldavis.org/upcoming.html

Registration:
http://www.regonline.com/2019GenPathReview
Wildlife Health and Pathology Short Course & Translocation Health Symposium
18 - 23 February 2019, Sydney

The Australian Registry of Wildlife Health, supported by the Cybec Foundation and CL Davis Foundation, is hosting a Wildlife Health and Pathology Short Course, followed by a one-day Translocation Health Symposium.

The Short Course provides an intensive, detailed review of the health and diseases of each taxonomic group of wildlife: birds, mammals, reptiles, amphibians and aquatic animals. Hot topic presentations on emerging diseases impacting wildlife conservation, and gross and histopathology rounds bring these reviews to life.

The Translocation Health Symposium will highlight the many disciplines of translocation science including ecology, nutrition, behaviour, welfare, and disease risk analysis. Panel discussions will provide an opportunity for engagement and the exchange of ideas and best practice.

Each fascinating program will be delivered by expert educators, including internationally acclaimed wildlife pathologists Drs Judy St Leger (SeaWorld), Bruce Rideout (San Diego Zoo), Michael Garner (Washington State University), Kevin Keel (UC Davis), nutritionist Ellen Dierenfeld (Nottingham Trent University), eminent ecologist Carl Jones (Durrell Wildlife Conservation Trust) and local wildlife specialists.

Registrations are now open!


*Applications for scholarships for local graduate student, and wildlife veterinarians from developing countries will be opening soon.
Pathology of Laboratory Rodents and Rabbits
Pathology of Laboratory Non-Human Primates
Pathology of Laboratory Fish, Amphibians and Reptiles
Clin Path of Laboratory Animal Species
Microscope sessions
Mock exams

11 - 15 March 2019
University of Bern - Switzerland

For more information contact:
Dr. Bruce Williams – bruce.h.williams.dvm@gmail.com
http://www.cldavis.org/upcoming.html
Registration:
www.regonline.com/2019EuroPola
Notice of Future Meetings

33rd Annual Scientific Meeting of the BSTP
Pathology of Mouse Models of Disease, Cambridge, UK
15th & 16th November 2018

The BSTP's 33rd Annual Scientific Meeting (including the AGM) will cover the topic of mouse pathology. Based on the approach of previous mouse pathology meetings organised by the Wellcome Trust, this meeting will aim to have a mix of talks to enable those in the early stages of their career to learn about pathology basics including terminology and necropsy; the basics of necropsy approach and sample collection; collecting and handling samples and recording pathology data; commonly used mouse strains and common phenotypes; infectious diseases that can affect phenotypes; planning for the unexpected - ASPA. For more experienced pathologists, the aim is to enable you to refresh your knowledge on the basics, whilst including talks on CRISPR/Cas9 technology; immuno-oncology and biologic effects; and tissue based genetic studies. Registration

CES 1: Toxicology and Pathology
Tuesday 26th - Thursday 28th March 2019
Department of Pathology, Cambridge, UK
Registration for this symposium will open in December 2018

The aim of the second round of Continuing Education Symposiums is to continue providing an interactive environment to enhance your knowledge in the field of toxicological, discovery, clinical, experimental or veterinary pathology. The Continuing Education Symposiums are designed to refresh participants’ knowledge and understanding of core principles, as well as discuss any important recent advances. Future BSTP Continuing Education Symposiums will also focus on specific organ systems. This Continuing Education Symposium will provide a higher-level overview of Toxicology and Pathology, how it integrates with other disciplines and with various phases of drug development and how pathology data is interpreted and communicated (for instance with clinicians and regulatory authorities). Topics to be covered include (but are not limited to): advanced pathology techniques, integration of histopathology and clinical pathology data, animal models in drug discovery, case studies of adverse/non-adverse pathology findings, use of pathology data for risk assessment. 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 event if desired. More information here.

CES 2: Liver
Tuesday 9th - Thursday 11th July 2019
Department of Pathology, Cambridge, UK
Registration for this symposium will open in spring 2019

The aim of the Continuing Education Symposium is to provide an interactive environment to enhance your knowledge in the field of toxicological, discovery, clinical, experimental or veterinary pathology. The Continuing Education Symposiums are designed to refresh participants’ knowledge and understanding of core principles, as well as discuss any important recent advances. This Continuing Education Symposium will provide an intermediate level symposium on the Liver covering both theory and practical classes including INHAND, rodent and non-rodent liver pathology and risk assessment as well as reviewing challenges with current research models. 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. More information here.

BSTP Secretariat – bstpoffice@aol.com
ACTIVITIES OF
THE LATIN COMPARATIVE PATHOLOGY
AT ACVP ANNUAL MEETING
WASHINGTON DC, 2018

If you are attending the ACVP annual meeting in Washington DC this year, you are cordially invited to attend one or more of the following activities of the Latin Comparative Pathology Group (the Latinamerican Division of the CL Davis/SW Thompson Foundation).

1- LCPG Presentations
Monday November 5, 2018; 12:15 pm – 1:45 pm
Washington Marriott Wardman Park Hotel; Room to be assigned.

Session Chairs: Melissa Sanchez, VMD, PhD, DACVP, Antech Diagnostics
Ana Alcaraz, DVM, PhD, DACVP, Western University of Health Sciences

Invited Speakers:
- Lessons and lesions from around the world
  Corrie Brown, DVM, PhD, DACVP, University of Georgia
- Reproductive pathology in zoo and wild animals
  Dalen Agnew, DVM, PhD, DACVP, Michigan State University
- Exploring pharmacological alternatives against Clostridium perfringens enterotoxin in vivo
  Mauricio Navarro DVM, MSc, CAHFS Laboratory System, San Bernardino Branch, University of California, Davis

2- LCPG Business Meeting
This meeting is public and open to anyone interested.
Monday November 5, 2018; 1:45 pm – 3:00 pm
Washington Marriott Wardman Park Hotel; Room to be assigned.

Agenda: to be announced.

People that will not be able to attend in person can call in.
Calling information to follow by e-mail a few days before the meeting.

3- LCPG Travel Award Ceremony
The award will be given to the 2018 winner (to be announced), during the CL Davis/SW Thompson Foundation Award Reception.
Monday November 5, 5:00 pm - 6:30 pm
Washington Marriott Wardman Park Hotel; Wilson AB room.

We look forward to seeing you all at the ACVP Meeting in Washington DC.

Sincerely,
Francisco Uzal (President elect; LCPG) and Ana Alcaraz (President; LCPG).
The Society of Toxicology (STP) will be at the ACVP/ASVCP Combined Annual Meeting in Washington, D.C.

November 3-7, 2018

Come find us at the following events:

Saturday, November 3\textsuperscript{rd}
6:00-7:00pm: Student and Resident Reception- sponsored by Antech, Wilson B, Mezzanine Level
  \hspace{1cm} \textit{Photobooth \cdot Prize Drawing \cdot Networking}

Sunday, November 4\textsuperscript{th}
7:00-8:00am- Veterinary Student Breakfast- Virginia A,
Lobby Level
  \hspace{1cm} \textit{Learn more about STP-sponsored student awards, scholarships and outreach activities}

Monday, November 5\textsuperscript{th}
1:30pm: Community Outreach Activity (CO-Act)- Exhibit Hall C Foyer, Exhibition Lower Level
  \hspace{1cm} \textit{Come network for a good cause}

3:00-4:00pm: Veterinary Student and Resident Forum- Exhibit Hall B South, Exhibition Lower Level
  \hspace{1cm} \textit{Stop by the STP booth to learn more about the benefits of student membership}

All events held at the Marriott, Wardman Park
Visit \texttt{www.acvp.org} for final program
We look forward to seeing you there!
### CALENDAR OF UPCOMING EVENTS

<table>
<thead>
<tr>
<th>Month</th>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>November 2018</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11/03</td>
<td></td>
<td>Foundation/ACVP Diagnostic Pathology Workshop, Washington DC</td>
</tr>
<tr>
<td>11/15-11/16</td>
<td></td>
<td>BSTP Pathology of Mouse Models of Disease, Cambridge, UK</td>
</tr>
<tr>
<td><strong>January 2019</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11/03</td>
<td></td>
<td>General Veterinary Pathology Review Course, University of Georgia, USA</td>
</tr>
<tr>
<td><strong>February 2019</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>02/18-02/23</td>
<td></td>
<td>Wildlife Health and Pathology Short Course &amp; Translocation Health Symposium, Australia</td>
</tr>
<tr>
<td><strong>March 2019</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>03/11-03/15</td>
<td></td>
<td>EURO Pathology of Lab Animals Course (POLA), University of Bern, Switzerland</td>
</tr>
<tr>
<td>03/26-03/28</td>
<td></td>
<td>BSTP Toxicology and Pathology, Cambridge, UK</td>
</tr>
<tr>
<td><strong>July 2019</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>07/09-07/11</td>
<td></td>
<td>BSTP Pathology of the Liver, Cambridge, UK</td>
</tr>
</tbody>
</table>