The CL Davis European Symposium was held in Helsinki, Finland in September 2015. It commenced with lunch overlooking the Helsinki harbor with beautiful views of the nearby islands and the huge ferries arriving from Sweden and Estonia. Prof. Anna Oevermann started the proceedings with basic anatomy the central nervous system and showed us how to orientate ourselves in the examination of the brain by using the ventricular system as a landmark. Dr. Bolon continued detailing how age affects neural development and how embryonic insults later in pregnancy affect the neural cells (e.g. BVDV affecting cerebellar development) and early embryonic insults affect the whole organ. Dr. Bolon described the different cells in the brain including neurons and glial cells and their response to injury and elucidated the mysteries of the glymphatic! Prof Oevermann finished the day with some handy tips on brain removal, trimming and sampling. The delegates met for a welcome reception with drinks and hors d’oeuvres at the Scandic Grand Marina hotel before walking to the Loiste restaurant which afforded great views of Helsinki at night, for dinner.

Dr. Bolon started the proceedings early the next morning with a lecture that included artifacts in the brain and explained the difference between ‘red, dead’ neurons and ‘dark’ neurons. Dr. Bolon mentioned fluoro Jade as an effective stain used to demonstrate necrotic neurons. In his lecture on the peripheral nervous system, Dr. Bolon showed us the subtle features of Schmidt Lanterman incisures and axon fluting and explained the appearance of ‘onion bulbs’ in chronic demyelination.
Prof Oevermann continued the discussion with a lecture on degenerative lesions, inflammatory disease and neoplastic disease in the central nervous system including iatrogenic brain stem hemorrhage from cisterna magna puncture and yellow star thistle toxicity in horses. Dr. Bolon concluded the day’s proceedings with a lecture on toxic lesions in the central and peripheral nervous systems. He showed us the seven sections through the brain recommended as best practice by the Society of Toxicologic Pathology and showed us the lesions of methylazoxymethanol (MAM) toxicity in embryonic brain.

The city of Helsinki proved to be a great host city for the CL Davis European Symposium as well as the ESVP conference. The city is easy to navigate and has several beautiful landmarks to visit (such as the Rock church and Silent church) as well as many excellent museums including the Design museum which explains how Finland achieved its predominance in this field. Helsinki is the birthplace of the composer Jean Sibelius and an exhibition of his life in the Town Hall commemorated the 150th anniversary of his birth. The nearby island of Suomenlinna, a short ferry ride from the main harbor, with its dramatic fortress was a favorite with many delegates.

The CL Davis meeting was very well coordinated by Drs Mieke Vrijenhoek (committee member) and Simon Priestnall (treasurer), who did a great job in keeping the lectures punctual, but at the same time giving some freedom of discussion of interesting topics.

The Bursary recipients; Alejandro Suarez-Bonnet, Josep Monne-Rodriguez, Lucille Sautier, Efe Karaca and Sam Beck were very grateful to CL Davis DVM Foundation for awarding them with their stipends. Comments from the bursary recipients included:

‘The CL Davis foundation has a crucial role in the training of new pathologist by organizing these complete courses and, what it is more, also helps in an economic way to young pathologist in training.’ - Alejandro Suarez-Bonnet

‘I would like to highlight the crucial work that CL Davis foundation is doing for the new generations of pathologists encouraging young trainees to participate to these events.’ - Josep Monne-Rodriguez

‘The seminar provided a lot of guidance and key references; I could pick up many useful pearls for day-to-day activities in the residency program in France, from brain trimming up to microscopic lesions analysis.’ - Lucille Sautier
‘Particularly lectures starting from basic, which was really good to understand for a trainee or young researchers and encouraging to learn more about neuropathology. Also we found a chance to see Helsinki’s beautiful view.’ - Efe Karaca

‘I particularly enjoyed the CL Davies meeting because it encompassed a broad strokes approach to neuropathology. As a trainee the teaching was particularly useful covering ‘day one’ basics such as trimming right up to specifics of more unusual disease processes.’ - Sam Beck

- Liz McInnes

---

**The CL Davis Foundation NE Day-Seminar**

The **Davis Foundation NE Day-Seminar** will be on Friday, November 20, 2015 on the topic of OCULAR TOXICITY. The event is generously hosted by Charles River Laboratories-Horsham, PA. The host program director is Dr. Doug Learn (Doug.Learn@crl.com). Click [here](#) for the program.

This fall starts the 25th year of the NE Day Seminar (started in October, 1991 at Hoffmann-La Roche, Nutley, NJ), and it is our first at Charles River Laboratories-Horsham, PA.

---

**Got Pictures of a Foundation Meeting?**

We’d love them for the newsletter! Attending a meeting, using a publication, spending time in a Foundation study center anywhere in the world – it all makes the newsletter a more interesting read and shows how much we are doing around the world.

Please send any digital images to Foundation newsletter to info@cldavis.org and thanks!!!
Latin Comparative Pathology Group
The Latin Subdivision of the CL Davis Foundation
Diagnostic Exercise

Case #: 46 Month: July Year: 2014

Contributor: Josué Díaz-Delgado, DVM, MSc, PhD student, Anatomic Pathology Resident, Unit of Veterinary Histology and Pathology, Institute for Animal Health (IUSA), Veterinary School, University of Las Palmas de Gran Canaria, Canary Islands, Spain; Department of Veterinary Pathobiology, College of Veterinary Medicine & Biomedical Sciences, Texas A&M University, College Station, TX, USA.

Clinical History: A 28 kg (61.73 lb), 136 cm–long, male calf stripped dolphin (*Stenella coeruleoalba*) was presented for necropsy in good nutritional status and fresh. The individual stranded alive in Bahía Feliz (27.78, -15.52), Gran Canaria (Spain) and died shortly after during handling.

Necropsy and Microscopic Findings:

Follow-up questions: Provide differential diagnoses any potential associated condition

Answers [here](#)
AAVLD Slide Sets Available for Purchase!

Limited numbers of glass slides sets from the AAVLD Diagnostic Pathology Slide Seminars (2011-2014) are available for purchase! A listing of diagnoses for the slides within each set can be viewed [here](#). You may obtain one or more of the sets by submitting an order form to the AAVLD Secretary-Treasurer. ([Click here](#)). Proceeds generated from sale of slide sets will be used for pathology resident/graduate student travel awards. All sets are available for $50 per set plus shipping. Please contact Dr. Rob Bildfell (Rob.Bildfell@oregonstate.edu) if you require further information.

---

The CL Davis Board of Directors Meets in Minneapolis!

The C.L. Davis Foundation Board of Directors met for a very busy 6-hour session at the annual convention of the American College of Veterinary Pathologists in Minneapolis. The Board of the North American Division met with representative of the European and South American Divisions to review 2015 business, including the many Foundation courses given around the world, and plans for 2016.

The Foundation welcomed new officers, including newly elected CEO Dr. Bruce Williams, as well as new Foundation President Dr. Dana Scott, as well as incoming newsletter editor, Dr. Vini Carreira.

Other topics included plans for a 3rd Edition of the WHO Tumors of Domestic Animals, revitalization and expansion of the Foundation’s study set rotations, and plans for the Foundation’s increasing presence in social media.

The final two hours were reserved for strategic planning in the core areas of the Davis Foundation – course production, publications, and creation and maintenance of study centers around the globe.

We look to forward to the implementation of short- and long-term plans arising from this meeting, and great things to come from the Foundation.

- Bruce Williams  
(CEO, C.L. Davis Foundation)
CL Davis Foundation Zoo Vets Work on Image in Portland!

Over 50 pathologists, residents, clinicians, and veterinary students took plane, train, automobile, and even motorcycle to Portland Oregon to gather on 27 September, 2014 for the 22nd annual CL Davis/American Association of Zoo Veterinarians Zoo and Wildlife Pathology Conference.

Dr. Tony Pease, noted radiologist and speaker, gave the keynote presentation “Lions, tigers and turtles - how imaging has expanded our horizons” providing an overview of how antemortem and postmortem imaging (radiology, ultrasound, CAT scanning, and MRI, to name a few modalities) can inform anatomic pathology, providing more accurate and meaningful diagnoses.

Dr. Pease’s presentation was followed by a series of targeted case studies highlighting the collaboration between imaging specialists and anatomic pathology. In particular, Dr. Rebecca Kagan, from the USFWS Forensics Laboratory in Ashland, Oregon, presented on the impact imaging can have in forensic pathology. Other cases involved lemurs, a bald eagle, marmoset, pond and sea turtles, jaguars, gorilla, macaque, penguin, kudu, and a sulcata tortoise.

We’re already planning next year’s workshop to be held in Atlanta, at the joint AAZV and EAZV meeting to be held 17 Jul 2016. The tentative theme this year is disease in free-ranging wildlife and the impact of climate change.

- Dalen Agnew

Some pathologists even traveled over the Cascade Mountains by motorcycle to attend this popular workshop. (Pictured here are two Wild Path Hogs, Dalen Agnew and Mike Garner; photo by Carles Juan-Sallés, who also provided four-wheeled back-up).

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.
Mouse Models of Disease: Improving Reproducibility of Pathology Endpoints in Challenge Models

9-11 February 2016
Wellcome Trust Genome Campus, Hinxton, Cambridge, UK

This popular conference will bring together veterinary and human pathologists and scientists working with mouse models in academic and industrial research. The programme will review basic approaches to creating and interpreting reproducible mouse pathology data.

A major focus of the 2016 meeting will be the techniques used to investigate the pathology in the respiratory and gastrointestinal tracts in challenged and non-challenged phenotyping studies.

Topics
- Infectious diseases
- Environmental factors
- Infection models
- Nutrition and diet
- Microbiota
- Lung function
- Respiratory disease models
- Imaging and validation
- Reproducibility of lung cancer models

Deadlines
Abstract Deadline: 8 December
Registration Deadline: 10 January

Full details at:
www.wellcome.ac.uk/conferences

Scientific Programme Committee
Mark Arends University of Edinburgh, UK
Cory Brayton Johns Hopkins School of Medicine, USA
Laurence Fette Institut Pasteur, France
Aude Roulois GlaxoSmithKline, UK
Cheryl Scudanore MRC Harwell, UK
Mohamed Slamaa Sanofi R&D, France
Jacqueline White Wellcome Trust Sanger Institute, UK
Jonathan Williams Royal Veterinary College, UK

Speakers
Nicola Beckmann Novartis Institutes for BioMedical Research, Switzerland
Anton Berns The Netherlands Cancer Institute, Netherlands
Craig Franklin University of Missouri, USA
John Grainger University of Manchester, UK
Patrick Hardy Sanofi Pasteur, France
Wayne Mitzner John Hopkins University, USA
Jonathan Stauber IMABiOTEC, France

co-sponsored by the C. L. Davis Foundation
BRITISH SOCIETY OF TOXICOLOGICAL PATHOLOGY

Notice of future meetings

Registered Charity No: 1043793

Continuing Education Symposium 4: Respiratory System
Wednesday 9th – Friday 11th December 2015
University of Cambridge, Cambridge, UK
This symposium will not be repeated until at least 2019!

For further information visit: http://www.bstp.org.uk/events/bstp-continuing-education-symposium-4-respiratory/ or contact the BSTP Secretariat – bstpoffice@aol.com

Information on the Continuing Education Symposia will be available on the BSTP website as and when the information becomes available, in the meantime, if you have any queries or would like to reserve a provisional place, please contact the BSTP Secretariat – bstpoffice@aol.com

Continuing Education Symposium 5: Reproductive system
Tuesday 15th – Thursday 17th March 2016
University of Cambridge, Cambridge, UK

Continuing Education Symposium 6: Nervous system
Tuesday 19th – Thursday 21st July 2016
University of Cambridge, Cambridge, UK

Continuing Education Symposium 7: Urinary system
Tuesday 6th – Thursday 8th December 2016
University of Cambridge, Cambridge, UK

Continuing Education Symposium 8: Digestive system
Tuesday 21st – Thursday 23rd March 2017 (to be confirmed)

Continuing Education Symposium 9: Cardiovascular system
Tuesday 18th – Thursday 20th July 2017 (to be confirmed)

Continuing Education Symposium 10: Endocrine system
Tuesday 5th – Thursday 7th December 2017 (to be confirmed)

OTHER MEETINGS

LAVA/BSTP – Infectious Diseases in Laboratory Animals
September 2016
The Midlands

BSTP Annual Scientific Meeting
November 2016
Venue to be confirmed

For further information on any of these meetings, keep checking the website - http://www.bstp.org.uk/events or contact the BSTP Secretariat – bstpoffice@aol.com
2016 Australian Society for Veterinary Pathology
& C.L. Davis Australian Division

**Descriptive Veterinary Pathology**
February 8-12 Gatton Campus, University of Queensland, Australia

Lectures include descriptive techniques in:
- Gross Pathology
- Microscopic Pathology
- Gross-Micro Correlations
- Electron Microscopy
- Immunohistochemistry
- Clinical Pathology

Practical examinations in gross and histo with faculty grading and feedback!

For more information, including program, venue, registration costs, accommodation options, please visit [www.asvp.asn.au](http://www.asvp.asn.au)

Administrative contact: admin@asvp.asn.au

Program director: Jey Koehler, DVM, PhD, DACVP
Auburn University 334-844-2667 jaw0007@auburn.edu
2016 C.L. Davis, DVM Foundation
Descriptive Veterinary Pathology Course
June 20-24 Auburn University

Lectures include descriptive techniques in:

- Gross Pathology
- Microscopic Pathology
- Electron Microscopy
- Cytology
- Immunohistochemistry

Practical examinations in gross and histopathology with faculty grading and feedback!

For more information, including tuition, venue, and hotel information, visit
www.cldavis.org/courses

Program Director:
Jey Koehler, DVM, PhD, DACVP
334-844-2667
jaw0007@auburn.edu
CALENDAR OF UPCOMING EVENTS

November 2015
11/06 – 11/07 – BSVP Autumn Meeting on the Alimentary Tract and Liver – Cambridge, UK
11/20 - CL Davis Foundation NE Day-Seminar – Ocular Toxicity, Horsham, PI

December 2015
12/09 - 12/11 - BSTP Continuing Education Symposium: Respiratory System – Cambridge, UK

February 2016
02/08-02/12 – Australian Descriptive Veterinary Pathology Course – Univ. of Queensland
02/09 – 02/11 – BSTP/Wellcome Trust Mouse Models of Disease

June 2016
06/20-06/24 – Descriptive Veterinary Pathology Course - Auburn AL

BOOKSTORE ORDERS
We occasionally have problems with overseas credit card orders through the bookstore. If you find you cannot place your order please email, call or fax the Foundation at phone: 847-367-4359, fax: 847-247-1869 email: cldavisdvm@comcast.net. Make sure you include your name, address, phone, email address and credit card number with expiration date and we will ship your purchase immediately.