



CHARLES LOUIS DAVIS DVM FOUNDATION
A TAX-EXEMPT, DONATIVE, PUBLICLY-SUPPORTED CHARITY
FOR THE ADVANCEMENT OF VETERINARY AND COMPARATIVE PATHOLOGY

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Report from the European Division's 2010 Meeting in Belgrade

Belgrade is a bustling city which lies on the confluence of the Sava and [Danube](#) rivers. The city has a long history, dating back to the 4th century BC, when the area was settled by Celtic tribes. Later on, it became the Roman city of Singidunum, the remains of which can be seen at the Kalemegdan Fortress. From the 7th century, it was settled by Serbs.



Belgrade has seen many conflicts, including the invasion by the Ottoman Empire. The city has taken on a unique character, reminiscent of both Austrian and Turkish influences, with a unique set of Communist elements thrown in as well! Today the city has its own spirit which can be found in its café culture and nightlife. The delegates met up for a drink on the Monday night before the meeting at the "Cruise" restaurant, which is situated on the waters of the Sava river.

There were just under 30 delegates at the meeting (including speakers) representing a variety of European countries and they made an enthusiastic and receptive audience. We even had a delegate from South Korea which is testament to how far veterinary pathologists will travel in order to attend a C.L. Davis Foundation meeting! We started with a lecture from Prof. Georg Krinke, who explained the intricacies of neuropathology to us. Prof. Krinke, just back from chairing a session on neuropathy at the STP in Chicago, mentioned the dangers of interpreting normal brain background changes or artifacts as lesions. He showed us several examples of artifacts caused by over fixing in alcohol etc. and warned us that it demands a lot of courage and character on the part of a pathologist to confess that no lesions could be identified! Prof. Krinke then demonstrated different trimming methods for the brain. He stressed that brain sections should always be produced and evaluated using a corresponding, species-specific atlas.

After a coffee break, Prof. Krinke showed us several of examples of necropsy/microscopy correlation. The selected examples from veterinary diagnostic practice demonstrated the rather limited value of clinical observations and the necessity of supplementary morphological diagnostics. Prof Krinke continued his lecture and showed us the reactions of the neurons, nerve fibers, myelinating cells, myelin sheaths, astrocytes and microglia to injury.

...continued on page 4

Davis Foundation holds first Chilean Conference

Last January, representatives of the Foundation held its first conference in Chile at the veterinary college in Valdivia (University of the South). The first day of the workshop covered cattle diseases. The Foundation's own Dr. Claus Buergelt instructed over 40 local professionals and pathologists from all over the country on the gross and microscopic aspect of diseases of cattle, while simultaneous translation was accomplished by a local veterinarian. The second day was an aquaculture workshop which focused on the effects of infectious anemia of salmonids. This second workshop was attended by 42 local, national and international fishery professionals and interested students. Dean. Gerhardt Schurig of the Virginia Tech College of Veterinary Medicine was a guest at the event and gave a wonderful opening speech. We are currently planning the next conference in 2011, which will once again focus on aquaculture as well as the pathology of equine diseases, and will coincide with the opening of another International Study Center at this school.

...Tom Jacobs, DVM, University of Maryland

South Central Division Celebrates Two Decades in Galveston



The 20th annual Southcentral conference and slide symposium was held on Galveston Island, Oct 15-16, 2010. In celebration of this landmark, 20 excellent diagnostic pathology cases were presented by attendees from the Texas A&M College of Veterinary Medicine, military pathology centers of excellence in San Antonio, and the great state of Arkansas. Our speaker this year, was Foundation president Bruce Williams, who gave a illuminating lecture on the current status and use of digital slides in human and veterinary pathology. In a future demonstration of the utility of this technology, many of the slides from this year's conference will be scanned and

made available to presenters and the Foundation's International Study Centers.

Twenty-eight participants attended the educational program and our annual repast at Landry's, a tradition for this meeting – who has the best key lime pie and bread pudding you will find anywhere! Get your cases ready for 2011 meeting in Galveston's historic historic Strand District next October, and we'll see you there!

...James O. Britt, DVM South Central Division

In Memory of Estelle Davis Hyman A Founder of the Charles Louis Davis DVM Foundation



On August 19, 2010, we lost our principal founder, Ms. Estelle Davis Hyman, the daughter of Dr. Charles Louis Davis. Estelle and her husband, Jerome Hyman, (pictured above) founded the Charles Louis Davis DVM Foundation in May 1973 in memory of her father. Jerome and Estelle Hyman together served on the Board of Directors of the Foundation for 37 years and Jerome continues to serve as a Board Member. During their years of service they continued to support the growth and finances of the foundation.

Estelle Davis Hyman, 85, died Thursday, August 19, 2010. She was a member of Temple Israel, the Council of Jewish Women, Hadassah and the Ladies Auxiliary of the Salvation Army. Estelle served as a volunteer at Baptist Memorial Hospital and St. Francis Hospital. Mrs. Hyman was preceded in death by her daughter, Ellen Hyman (Al) Rose. She is survived in death by her husband of 68 years, Jerome Hyman; their three sons: David (Sharon) Hyman, Robert (Nancy) Hyman and Jerome E. "Chip" (Kalisa) Hyman; eight grandchildren and eight great-grandchildren. Services were held Sunday, August 22 in St. Louis, Missouri.

Slide Sets Available from the 2010 SouthCentral Meeting

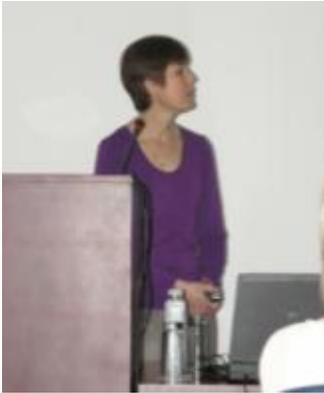
We have extra glass slide sets with results on 20 interesting diagnostic cases from the 20th annual meeting for a donation of \$35 to the C. L. Davis Foundation. Contact Dr. Jim Britt, 501-907-2435 or jbritt@alpc.ar.gov

Updating Membership Files

The year is coming to an end soon and I would like to update all our Member and Affiliate files. If you have moved within the last year please email me with your new information as we have some outdated info. Also, if you have changed companies or institutions we may have the wrong addresses. Please include all phone and fax numbers as well.

Thank you for your help.

Cherry Maxwell, Administrative Assistant, Managing Editor



**Dr. Elizabeth McInnes,
Gribbles Healthscope,
our meeting organizer**

Prof. Krinke finished his lectures by showing us a series of nervous system tumors. He discussed the perplexing granular cell tumour and also indicated which special stains or antibodies could be used to make a definitive diagnosis in the case of various neurological tumors. He mentioned the terms BPNST/MPNST (benign/ malignant peripheral nerve sheath tumor) which have been introduced in order to solve the embarrassment of pathologists unable to find a proper diagnosis!! The scientific justification for this is the notion that the cells forming the peripheral nerve sheaths have epitopes reacting with Schwann cell markers, but also connective tissue markers. Prof. Krinke stated that many pathologists still prefer to use the term Schwannoma for those tumors exhibiting characteristic features, such as pallisading nuclei in Antoni A pattern, loosely arranged cells in myxoid stroma with cystic cavities in Antoni B pattern and S-100 protein positivity.

We were very lucky to have Vladislava Rac, wife of Sam Thompson, the founder and chairman of the Board of directors of the C.L. Davis DVM Foundation and herself a member of the board of directors of the C.L. Davis DVM Foundation and Milijan Jovanović, president of the organizing committee of the ESVP as well as a member of the board of directors of the C.L. Davis DVM Foundation, with us. Vladi was able to chat to the delegates and tell them more about the C.L. Davis DVM Foundation's aims and she also generously distributed free copies of John King's Necropsy Book to the delegates.

After a delicious lunch of cold meats and salads as well as hot Serbian dishes of fish and pork with a sublime torte to end, it was time for Liz McInnes to make a start on her three lectures on the pathology of the laboratory mouse. Liz McInnes started off by describing how to do a post mortem on a mouse and then highlighted various important and highly prevalent murine diseases such as mouse hepatitis virus, mouse parvo virus and various murine helminths and parasites. Liz McInnes stressed the need for adhesive tape tests and wet mounts taken at necropsy, to give the pathologist and the laboratory animal facilities manager important feedback about the health status of the mice. Liz McInnes finished off with various interesting background lesions which can be found in the mouse. These included hepatic erythrophagocytosis, lipomatous hamartoma in the brain of the mouse and murine acidophilic pneumonia.

Wednesday morning dawned bright and early with excellent sunny weather! Monike Hilbe could not be with us sadly, due to illness, so Rod Else and Liz McInnes delivered her PowerPoint presentations. Liz McInnes covered the introduction to the renal system as well as the cardinal signs of renal failure. Rod Else covered congenital kidney diseases as well as the glomerulopathies.



**Dr Gordana Basta-Jovanovic, Pathologist,
University of Belgrade Medical School**

After the coffee break, Prof. dr Gordana Basta-Jovanovic gave us an excellent presentation on the recognition of human glomerulonephritides using immunofluorescence and electron microscopy. Prof. dr Basta-Jovanovic is a medical pathologist working at the local Institute of Pathology, School of Medicine, University of Belgrade. Her presentation was much praised by the delegates for its clear, informative style.



1One of veterinary pathology's greatest legends (and treasure)s, Prof. Rod Else of the Royal College (Dick), Edinburgh.

Finally, after another delicious lunch of Serbian delicacies, Rod Else finished the day's proceedings with a lecture on tubulointerstitial disease in the kidney and tumours of the kidney. The organizers of the meeting then presented Laura Polledo Ruiz, the winner of the mini poster competition, with her prize (a new edition of Fundamentals of Toxicologic Pathology, Second Edition, ISBN 9780123704696, by Wanda M. Haschek, Matthew A. Wallig and Colin G. Rousseaux). The publishers Elsevier kindly donated the above book to the organizers of this meeting and it was felt that a miniposter competition on the theme of neuropathology should be held in order to decide on a worthy recipient of the book.

Prof. Rod Else and myself (Liz McInnes), as organisers of this meeting, felt that the two-day event had gone extremely well. We have analysed the feedback forms and the scores for all speakers were generally very high. Comments included "beautiful pictures" and of Prof. dr Basta-Javanovic "Fantastic speaker! She passes over her enthusiasm and passion for her subject very well". Our delegates have given us a number of ideas about future topics and we already have ideas about what next year's meeting in Uppsala, Sweden will consist of. The European Division of the C.L. Davis Foundation continues to provide up to date, high quality, continuing professional education for all veterinary pathologists whether they are in industry, academia or diagnostic laboratories. The meeting was efficiently organised and will not incur any losses and we plan to continue in this vein for many years to come.

BOOKSTORE ORDERING PROBLEMS?

We continue to have problems with occasional online orders through our website provide Network Solutions for orders coming in from overseas. If your order does not go through after the second try please send it via email to the Foundation at the following address cldavisdvm@comcast.net and it will be processed immediately. Make sure to include with your complete order, your name, complete address with postal code, credit card information and expiration date.



10th CL Davis Diagnostic Pathology Symposium: Diagnostic Ocular Pathology

In conjunction with the 53rd
Annual AAVLD annual meeting

November 12, 2010, Friday, 8am- 5:50pm
Minneapolis Hilton Hotel, Minneapolis, MN

The Charles Louis Davis DVM Foundation will be conducting an eight-hour continuing education symposium entitled “Diagnostic Ocular Pathology” on November 12, 2010. The symposium will be presented by course Director Matti Kiupel (Michigan State University) and invited guest lecturers Paige Carmichel (University of Georgia), and Richard Dubielzig (University of Wisconsin). The following topics will be covered: Didactic lectures will be combined with audience participation to result in an engrossing day-long seminar. CL Davis is an approved CE provider. Don’t miss out on what promises to be another exciting C.L. Davis/AAVLD co-sponsored symposium.

Tuition of \$125 includes refreshments, CD of presentations and continuing education credits. The tuition fee will be waived for the winners of the travel award.

Please Pre-register to guarantee receipt of materials. Registration is through CL Davis and is separate from meeting registration fees.

Additional information and registration materials are available at the CL Davis Foundation Web site: <http://www.cldavis.org> or call 847-367-4359.

Schedule:

| | |
|---------------|--|
| 08.00 – 08.10 | Introduction & Announcements - Kiupel |
| 08.10 – 09.00 | Fixation, trimming and general approach to ocular pathology - Carmichael |
| 09.05 – 10.00 | Comparative morphology & pathology - Dubielzig |
| 10.00 – 10.30 | Break |
| 10.30 – 11.30 | Pathology of non infectious diseases of the eye - Carmichael |
| 11.30 – 12.30 | Pathology of ocular trauma - Dubielzig |
| 12.30 – 13.30 | Lunch |
| 13.30 – 15.30 | Pathology of infectious diseases of the eye - Carmichael/Dubielzig |
| 15.30 – 16.00 | Break |
| 16.00 – 16.50 | Pathology of glaucoma: Dubielzig |
| 16.55 – 17.50 | Diagnostic pathology cases - Carmichael/Dubielzig |

Charles Louis Davis Membership Form

Name:

Degrees:

Address (with zip code):

Phone:

Fax:

E-mail:

New Member (\$85.00)

Credit Card (check one): Visa

Mastercard

American Express

Discover

Credit Card Number:

Expiration Date (MO/YR):

Security code

Ship To (Name & Address:(if different from above):

Phone:

To submit this membership form, please print and mail/or fax to

C L Davis Foundation:
6241 Formoor Lane, Gurnee,
Illinois 60031-4757, USA
Fax: 847-247-1869
Email: cldavisdvm@comcast.net

CALENDAR OF UPCOMING EVENTS**NOVEMBER 2010:**

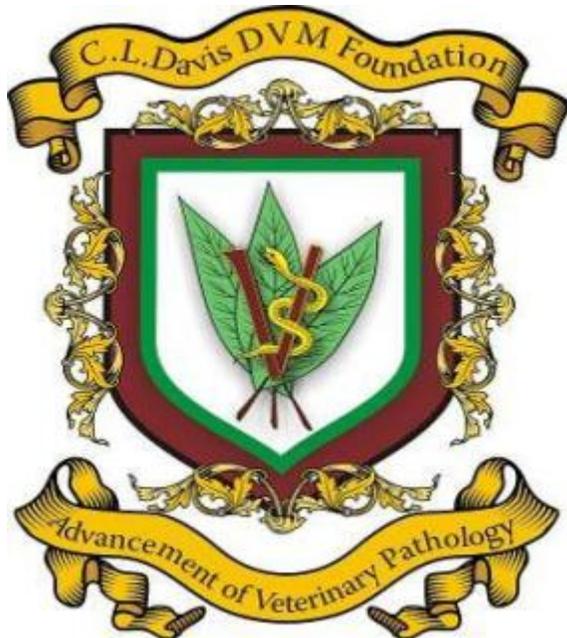
8-12 – Brazil Division Gross Pathology
Course – Belo Horizonte, Brazil

10-12 CL Davis Diagnostic Ocular
Pathology Symposium, Minneapolis, MN

**DATES FOR 2011 COURSES AVAILABLE
IN NEXT MONTH'S NEWSLETTER!**

PAY PAL ORDERS

We have been having some problems with Paypal 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 name, address, phone, email address and credit card number with expiration date and we will ship your purchase immediately.

**ARTICLES NEEDED****NEWSLETTER DEADLINES**

All materials must be received no later than the 15th of the previous month in order to be included in the newsletter.

If you are submitting a flyer please send it in a Microsoft Word document I am currently using Word 2007 but all earlier versions will work.

Photos are to be submitted as a JPEG.

Any symposium, courses or course materials should be submitted as soon as you receive the information as these need to be printed for at least 3-4 mos. for participants to get approvals to attend.