Latin American Division Holds First Descriptive Path Course

The 1st C.L. Davis Argentinean Descriptive Veterinary Pathology Course was held the past 12-16 December 2011, at the Faculty of Veterinary Sciences, University of Buenos Aires, Argentina.

47 enthusiastic pathologists from Argentina, Brazil, Paraguay and Chile attended the course that was Coordinated by Dr Leonardo Minatel (University of Buenos Aires). Lectures Were given by Drs Jo Lynne Raymond (former AFIP, USA) and Francisco Uzal (University of California, USA). Drs Eduardo Gimeno (University of La Plata, Argentina) and Minatel acted as proctors for the six gross and histology quizzes administered during the course. The course covered gross and microscopic descriptive techniques, cytology, immunohistochemistry and electron microscopy. The participation of the attendees was outstanding during and after the quizzes.

This course demonstrated once again the “hunger” to learn that exists amongst South American pathologists and highlights the need for continued education programs such as those provided by the CL Davis Foundation. A gross pathology course is being planned for late this year in Argentina.
39th Annual Gross Morbid Anatomy of Animals

Presented by the Charles Louis Davis, DVM Foundation

Come join us at one of the most renowned pathology courses in the world - all species, all systems, and international experts presenting 36 hours of great CME. Each year, this in-depth course draws over 120 pathologists, lab animal practitioners, veterinary clinicians, and students from around the world. Don't miss out in 2012!

Course Director:
Bruce Williams, DVM, DACVP
Email: Williams@cdavis.org

For more information, visit:
http://www.cdavis.org/upcoming.html

*This course has been submitted (but not yet approved) for 36 hours of continuing education credit in jurisdictions which recognize AWARDS approval. However, participants should be aware that some boards have limitations on the number of hours awarded in certain categories and/or restrictions on certain methods of delivery of continuing education. Call James S. DVM at 501.907.3855 for further information.*
2012 Descriptive Veterinary Pathology Course

LSU School of Veterinary Medicine - 11-15 June 2012

Lectures include:

- Descriptive Techniques in:
  - Gross Pathology
  - Microscopic Pathology
  - Cytology
  - Electron Microscopy
  - Immunohistochemistry
- Review of Clinical Pathology
- Gross-Microscopic Correlations
- 6 Practical Examinations
  - Gross Exams
  - Histo Exams
  - 4 exams are faculty-graded for extra feedback

For more information, including tuition, venue, and hotel information, please visit
http://www.cldavis.org/courses/upcoming.html

Program Director:
Dr. Bruce Williams, DVM, DACVP
Joint Pathology Center
301-467-4024
Email: Williams@cldavis.org

This course has been submitted (but not yet approved) for 36 hours of continuing education credit in jurisdictions which recognize AAVSB RACE approval; however, participants should be aware that some boards have limitations on the number of hours accepted in certain categories and/or restrictions on certain methods of delivery of continuing education. Call Dr. James Britt, 501-907-2135, for further information.
Asilomar is calling...
Be part of the fun!!!

The 29th annual meeting of the West Coast Subdivision of the C.L. Davis Foundation will be held at the Asilomar Conference Center on the beautiful Monterey Peninsula coast. Case presentations and a keynote lecture by Drs. Susan Knoblaugh and Julie Randolph-Habecker of the Fred Hutchinson Cancer Research Center make Asilomar “THE” place to be on 26-27 April, 2012.

For registration and housing info, visit: http://www.cldavis.org/courses/upcoming.html

Course Director:
Dr. Dimitry M. Danilenko
(650) 225-2672
Email: ddanilen@gene.com
Workshop & Symposium on Laboratory Animal Diseases
Sponsored by the C.L. Davis DVM Foundation
Chicago, Illinois, U.S.A.
Wednesday 18 April through Saturday, 21 April, 2012

- Symposium on “Diseases of Non-Human Primates” by Dr. Keith Mansfield of Harvard Medical School
- Full use of the Biologic Resource Center’s 14,000 kodachromes, numerous glass slides and DVD lectures on diseases of lab animal species
- Seminars on Primate Taxonomy, Mouse Nomenclature, Mouse Pathology, Review of Behavioral Methods Used in Biomedical Research, Review of Legislature, and the Large Animal Techniques
- Simulated Practical Examination

Program Director: JAMES E. ARTWOHL, DVM.
Biologic Resources Center, 1840 West Taylor Street, Chicago, Illinois
Phone: 312-996-1217
Email: jear@uic.edu
For complete information on this course, please visit the Davis Foundation website at: http://www.clldavis.org/courses/upcoming.html
2012 CURRENT LAB ANIMAL SCIENCE SEMINAR

2012 PATHOLOGY OF LAB ANIMALS COURSE

Virginia Tech College of Veterinary Medicine - 11-17 August 2012

"The Guide", Chapter by Chapter • Pathology of Laboratory Fish • Emerging Rodent Diseases • Pathology of Non-Traditional Lab Animal Species • Preparing for the ACLAM Board • Pathology of the "Irrelevant Rodents" • BMBL • What to Do (and NOT Do) in BSL 3 and 4 • Intro to AALAC, USDA, and PHS Policies • Pathology

Tuition: CLASS only $350
POLA only- $475
Combined CLASS/POLA - $700

This course has been submitted (but not yet approved) for 38 hours of continuing education credit in jurisdictions which recognize AAVSB RACE approval. However, participants should be aware that some boards have limitations on the number of hours accepted in certain categories and/or restrictions on certain methods of delivery of continuing education. Call Dr. James Sim, 540/231-5622, for further information.
7th ANNUAL CL Davis DVM Foundation,
Marine Species Histopathology Workshop, Atlanta Georgia

Date: May 12th, 2012,
Location: Embassy Suites Atlanta - at Centennial Olympic Park

Workshop Overview: The 6th annual CL Davis DVM Foundation Marine Species Histopathology Workshop will be held in conjunction with the IAAAM conference in Atlanta, Georgia this year. This workshop will include a keynote lecture related to pathology in general and as applied to aquatic species. The rest of the day includes interactive presentations of clinical cases with pathology including histology. Workshop participants are encouraged to submit a case for presentation – but presentation is not required. We welcome cases related to invertebrates, fishes, aquatic birds, and marine mammals. All participants receive DVDs of the scanned histology slides and the case writeup materials. Workshop registration includes materials, morning and afternoon breaks as well as lunch. All IAAAM members are invited to attend. Registration is limited to 50 participants and cost per person is $150.

Program Director:
Judy St. Leger, DVM, DACVP SeaWorld, San Diego, 500 SeaWorld Drive, San Diego, CA 92109
Judy.St.Leger@Seaworld.com     619 225-4259 (W)

1st 2012 NE Division Day-Seminar
Emerging Paradigms in Toxicologic Pathology and Safety Assessment

Date: 20 April 2012, 8am-4pm
Location: Hoffmann-La Roche, Nutley, NJ

We are proud to announce the start of the 21st year of the NE Day-Seminars, and it is with a great pleasure that we invite you and your colleagues to attend the 1st Day-Seminar this year on Friday, April 20th. This seminar will be held at Hoffmann-LaRoche, a generous host/sponsor of the NE Sub-Division and of the Davis Foundation, and where the first Day-Seminar took place in October, 1991. Dr. Gopakumar Gopalakrishnan has prepared the program on “Emerging Paradigms in Toxicologic Pathology and Safety Assessment”. This course has been submitted for 8 hours of continuing education through RACE. For more information, please visit http://www.cldavis.org/courses/upcoming.html.

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!!!
From the Latin American Division...

DIAGNOSTIC EXERCISE for March

Contributor: Vinicius Carreira, DVM DACVP

Clinical History: 3-week-old, female Holstein calf with rapidly progressive inappetance, apathy, and abdominal bloat.

Necropsy Findings: Bloated abdomen, marked dehydration, and striking gross changes in the abomasum (see image below).

What is your morphologic diagnosis and two possible causes?
Session One: July 23-25, 2012

Toxicology and Pathology in Drug Discovery and Development

This session is designed for toxicologists, pathologists, and other professionals working in the pharmaceutical, chemical, and consumer products fields with a primary emphasis on drug discovery and development. The session is also applicable to professionals responsible for design and evaluation, safety assessment, and regulatory issues associated with product development in industry, government, and contract laboratories. The objective of the session is to address current global issues in the rapidly advancing fields of toxicology and pathology; to enhance attendees' skills in interpreting animal safety studies; to facilitate interactions with federal regulatory agencies; and to provide networking opportunities.

Session Two: July 25-27, 2012

Contemporary Concepts in Target Organ Toxicologic Pathology: Renal and Respiratory Systems

This session is designed for pathologists, toxicologists, and other professionals working in toxicology-related fields such as the pharmaceutical, chemical, consumer, and environmental areas. The objective of the session is to provide an understanding of the basis and manifestations of target organ responses to xenobiotic injury as well as cutting edge concepts in the field.

Location

The course will be held at the Hilton Garden Inn, Champaign, Ill. Rooms have been reserved at a group rate of $109 per night through Monday, June 25, 2012; this price does not include taxes. Reservations made after this date will be filled on a space availability basis. When contacting the hotel to make your reservation, refer to the group code “txpath.”

Hilton Garden Inn
1501 S. Neil St.
Champaign, Ill. 61820
217 352 9970

Course Registration

The course registration fee covers the cost of the course notebook, CD of course notebook, contents, breakfast, breaks, lunch, and dinner. To assure a place in the course, early registration is encouraged. The early registration deadline is Sunday, April 15, 2012.

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The course registration fee covers the cost of the course notebook, CD of course notebook, contents, breakfast, breaks, lunch, and dinner. To assure a place in the course, early registration is encouraged. The early registration deadline is Sunday, April 15, 2012.

Online registration is available at vetmed.illinois.edu/ope/itp

Poster Presentations

Speakers and course registrants are encouraged to present their research accomplishments at this meeting. You may sign up to present a poster using the online form. The deadline for signing up to present a poster is Sunday, July 8, 2012.

Continuing Education
The Gross Morbid Anatomy of Diseases of Animals
C.L. Davis DVM Foundation

DATE: 24-28 September 2012
DURATION: 5 day(s)

PROGRAM DIRECTOR/S: Monteavaro Cristina, Fresneda Karina, Riccio María Belén

DESCRIPTION: The Gross course, now in its 39th year in the US and presented for the first time in Argentina, covers the major diseases of domestic and exotic species. Over five days, and utilizing thousands of excellent gross images, faculty will focus on the identification of common diseases of these species from its gross appearance, salient diagnostic features of each, and the formation of appropriate morphologic and differential diagnosis. This course is appropriate for practicing veterinary pathologists, pathology residents, and diagnosticians working with animals. Practitioners and field veterinarians are also welcomed.

CONTINUING EDUCATION CREDITS/DOCTORATE CREDITS:
Module I: 20 hs
Module II: 26 hs
Complete course: 46 hs

TUITION FEES:
Graduates from Facultad de Ciencias Veterinarias, Tandil:
One module: AR$600
Complete course: AR$900

Graduates from other Universities:
One module: AR$800
Complete course: AR$1200

Teachers of Facultad de Ciencias Veterinarias,Tandil:
One module: AR$500
Complete course: AR$800

Teachers from other Universities:
One module: AR$700
Complete course: AR$1100

Advanced students from Facultad de Ciencias Veterinarias Tandil (3° - 4° and 5°):
One module: AR$200
Complete course: AR$400

Advanced students others universities:
One module: AR$300
Complete course: AR$500

Members of Asociación Argentina de Patología Veterinaria:
One module: AR$600
Complete course: AR$900

FACULTY:
Dr Fabio Del Piero, Louisiana State University, US
Dr Srinivas Rao, National Institute of Health, Bethesda, US
Dr Francisco Uzal, University of California, Davis, US

September 24-25, 2012: MODULE I: Diseases of Swine, Avian, Horses and Ruminants

September 26-28, 2012
MODULE II: Diseases of Dogs and Cats, Zoo and Exotic Species, Laboratory Rodents and Rabbits, Non-Human Primates, Wildlife and Aquatic Species

REGISTRATION:
For inscription: cursopat@vet.unicen.edu.ar
For more information, visit: http://www.vet.unicen.edu.ar
Answer to this month’s Diagnostic Exercise:

Morphologic Diagnosis: Diffuse subacute necrotizing, fibrinohemorrhagic, and emphysematous abomasitis

Two possible causes: Sarcina ventriculi (this case), Clostridium perfringens, type A

Typical Gross findings:
- Abdominal bloat
- Emphysema and edema of the abomasal wall
- Mucosal hyperemia and hemorrhage, fibrinous necrosis, ulceration, and rupture (mostly abomasum proximal small intestine)

Typical microscopic findings:
- Abomasitis and, to a lesser extent, enteritis
- Necrosis of the superficial mucosa, congestion, emphysema, and edema
- Intralesional gram-positive bacteria, arranged in packets of 4-8 cells along the mucosal surface

Discussion:

Sarcina spp. are fastidious gram-positive, anaerobic, carbohydrate-fermenting, CO2 and ethanol producing bacteria that are able to grow at a pH as low as 2. Sarcinae cluster in peculiar packets of four to eight cells (“tetramers and octamers”), which in turn can combine in more complex even-numbered arrangements (see picture above). These organisms are known to be conspicuous in the environment.

This gas-producing organism has been associated with emphysematous abomasitis in calves and lambs, emphysematous gastritis in humans, and related to gastric dilatation in goats, dogs, and horses. Even though the pathogenesis of Sarcina ventriculi abomasitis has not been fully elucidated, a predisposing gastric environment and individual susceptibility factors are thought to play a role.

S. ventriculi represents an important differential for clostridial emphysematous abomasitis in young ruminants, mainly bovine and ovine. In this case, a clostridial etiology was ruled out by negative anaerobic culture of the abomasum and absence of bacteria compatible with Clostridium on H&E.

(More Diagnostic Exercises may be found on the Foundation’s website at: http://www.cldavis.org/diagnostic_exercises.html)
CALENDAR OF UPCOMING EVENTS

April 2012:
4/20 2012 – Northeast Day Seminar at Hoffman-La Roche, Nutley, NJ
4/26-27 2012 – West Coast Subdivision Meeting, Asilomar, Pacific Grove, CA

May 2012:
5/12 2012 – Marine Species Histopathology Workshop, Atlanta, Georgia

June 2012:
6/11-15 2012 – Descriptive Veterinary Pathology Course, Louisiana State University School of Veterinary Medicine
6/25 2012 – STP Lunchtime Series

July 2012:
7/9-13 2012 – Gross Pathology Course, Colorado State University, Ft Collins, Colorado
7/23-27 2012 – 9th Biennial Short Course on Industrial Toxicology and Pathology, Champaign, Illinois

August 2012:
8/11-17 – 2012 Pathology of Lab Animals Course, Virginia Tech College of Veterinary Medicine

September 2012:

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.

ARTICLES NEEDED:
Please Submit Articles Following Your Courses or Workshops

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

Articles should be submitted as MS Word documents. Photos should be submitted as a JPEG.

Any advertisements or registration material for symposia or courses should be submitted at least 3-4 months in advance.