Inaugural Indian Tox Path Meeting – An Instant Success!!!

Jointly organized by the C.L. Davis Foundation, the Society of Toxicologic Pathology of India (STPI) and Bioimagene, Inc, the inaugural “Road to Toxicologic Pathology” meeting in Pune, India was received with overwhelming enthusiasm. For the approximately 100 toxicopathologists, academicians, and students, it was an intense two-and-a-half days of education and interaction. The meeting was attended by veterinarians from the four corners of India - a diverse group of professionals from government, academia, industry, CROs, and veterinary students. The attendees also had an opportunity to interact with top-notch pathologists with international biopharmaceutical experience. The enthusiasm, excitement and interaction of the attending delegates provided an excellent forecast of the coming biopharmaceutical explosion predicted in this region.

Dr. Srinivas Rao, course director and ad hoc director of development for toxicologic pathology for the Foundation in India and Southern Asia countries, helped coordinate the meeting in close association with Dr. Vijayasarathi, STPI President. The program began with a traditional Indian lamplighting ceremony led by Hon. RNS Gowda (along with the faculty) and his address emphasizing the critical need for building bridges between Indian international organizations for the enhancement of information exchange, scientific cooperation, and technical collaboration. Dr. Lal Krishna, president of the IAVP also attended the opening of the meeting. In providing an overview of the mission, goals and objectives of the CL Davis, Dr. Rao then discussed the international educational mission of the CL Davis in veterinary pathology,

(Continued on page 4)
Whoever said GEN PATH can’t be FUN?! 

Catch THIS Wave!!!
Spend the day with “McGavin and Zachary” and your evenings with family and friends on the beach in beautiful St. Pete Island, FL! It’s a party like no other that you will EVER attend, guaranteed! Whether you are a pathologist in training, or just looking to catch up, this is an event you won’t want to miss!!!

**McGavin and Zachary: Pathologic Basis of Veterinary Disease, 4th Ed

The 1st Annual Davis Foundation General Pathology Beach Party
7-11 July 2008
Sirata Beach Resort,
St. Pete’s Beach, FL
Course Director: Dr. Bruce Williams
(202) 782-2650, williams@cl Davis.org

For more info, visit:
http://www.cl Davis.org/courses/upcoming.html#55
Foundation Back in Canada in a Large Way!

The inaugural Canadian C.L. Davis symposium on laboratory animal science was held at the Ontario Veterinary College, University of Guelph on March 6 and 7, 2008. The symposium attracted over 45 participants interested in laboratory animal pathology and medicine from Canada, the United States, the United Kingdom, and Singapore.

Topics discussed at the symposium were diverse, covering emerging molecular biology techniques for genetically engineered mice, diagnostic serology methods and interpretation, interpretive pathology, diseases of laboratory mice, a review of US legislation and regulations concerning laboratory animal care and use, and a journal review covering highlights from the past year relevant to laboratory animal science.

On the final afternoon of the symposium, a mock board examination and review was held for those interested in ACLAM certification. This exam was prepared from questions submitted by an international coalition of laboratory animal veterinarians. The symposium presented an excellent opportunity to learn new information, make new friendships and to network regionally and share relevant experiences amongst participants.

Dr. Zaheer Iqbal (McMaster University) was the winner of the draw for a copy of the new edition of ‘Pathology of Laboratory Rodents and Rabbits’ donated by Wiley-Blackwell. The symposium received generous sponsorship from Charles River Laboratories, Sysmex, Quorum, the Dept of Pathobiology, University of Guelph, and the Ontario Veterinary College.
The Road to Toxicologic Pathology…. (continued from page 1)
The Road to Toxicologic Pathology…. *(continued from page 4)*

Legend for Images on Page 4.

First Row: (Left) Drs. Rao, Wallig and Dybdal. (middle and left) About 100 participants in attendance

Second Row: (Left) Dr. Wallig in a deep discussion. (Middle) BioImagene Staff (Dr. Khattri, Amitab and Poornima) (Right) Dr. Rao with CL Davis discussion.

Third Row: (Left): Participants engrossed in lectures (Middle): Dignitaries: Students amidst the Conference speakers. (Right). Dr. Bharat (participant) with her colleagues in discussion

Fourth Row: (Left) Drs. VM Shingatageri, Prasad, Gupta, Vijayasarathi, Lal Krishna, Poosala, Wallig, Dybdal, Rao, Pramodi and Murali Manohar. (Middle) Dr. RNS Gowda, Chief guest (Right) Dr. Dybdal with young toxicopathologists

Fifth Row:(Left and Middle) Amidst collegial discussions and ‘break’ time (Right) More discussions…

pathology, and the depth and breadth of its global offerings to the attendees, many of whom were at their first Foundation course.

After the traditional formalities, it was time for full immersion in toxicopathology. The program focused on classical subjects in toxicologic pathology, interspersed with lectures on emerging technologies. Dr. Matt Wallig, Professor, University of Illinois at Champaign, provided the foundation for the meeting with 4 lectures covering the entire range of cellular and molecular responses to toxicologic injury. Subsequent lectures on the morphologic manifestation of toxicologic disease built on these principles. Dr. Vijayasarathi, President of the STPI delivered an exceptional lecture on the issue of artifacts in rodent studies – their causes, interpretational effects, and ways to overcome them.

On Day 2, Dr. Noël Dybdal, Associate Director for Safety Assessment at Genentech, Inc. gave a spectacular overview of the drug safety aspects of biotherapeutics, including herceptin and other therapeutic molecules. Dr. Suresh Poosala, director of animal programs for the National Institute of Aging reviewed the histologic changes of aging in rodents and their effects on chronic studies. Day 2 also saw Ranbaxy’s Director of Safety Evaluation, Dr. VM Shingatageri, give a fascinating overview of the current drug development process in India, with special emphasis on the rapidly developing field of toxicogenomics. Finally, Dr. Murali Manohar, Professor, TNVAS, gave an equally entertaining and informative presentation on the practical application of immunohistochemistry and its applications in toxicologic pathology.

Lectures on emerging technologies in the field also peppered the program, providing periodic (and necessary) respite from the intense subject matter. Dr. Roli Khattri brought the attendees into the digital age of pathology and Dr. Michael Royals “wowed” the audience with the latest in needle-free drug delivery sessions. Dr. Rao deftly handled a interactive session with the help of other diplomats in the audience (Drs. Wallig and Dybdal) in an attempt to demystify the board certification process, a feature that was enthusiastically received by the student participants. Dr. Rao also provided a mock gross exam for participants as a taste of the preparation process for certification in veterinary pathology.

The meeting also served as an excellent platform for networking between students, junior and senior toxicologic pathologists, and industry leaders, as well as the various Indian organizations. Dr. Vipan Gupta, Secretary of the IAVP and director of CL Davis’ Palampur Study Center was a focus of attendees and other organizations, including the STPI.

In addition to the feast of knowledge, skills and training, over two days, participants and lecturers enjoyed a wide variety of delicacies both at breakfast and lunch (provided all days) as well as a dinner on the evening of day 2, organized by STPI. The organizers immensely thanked the back room crew of the STPI and sponsor (BioImagene) for their extensive logistical support.

It was clear that the inaugural “Pune Path” meeting was a phenomenal success and participants were very vocal that this meeting should become an annual event. The Foundation looks forward to working with our partners and sponsors, Bioimagene, Inc. and the Society for Toxicologic Pathology in India in making 2009 meeting even bigger and better.
Diagnostic Pathology of Diseases of Aerial, Terrestrial and Aquatic Wildlife

9-11 April 2008, Madison, WI

Now in its second year, the Foundation's primary course on wildlife takes a more in-depth look at several growing areas in this sector. This year's course focuses on forensic pathology, growing human impact on patterns of wildlife disease, and pathology of cervids and marine mammals. In addition, Thursday boasts a lineup of speakers from the National Wildlife Health Center, and culminates with a tour of their facility in Madison Wisconsin. Participants also will receive a copy of Gardiner and Peyton's excellent *Atlas of Mammalian Parasites in Tissue Section* as part of their registration. Don't miss this outstanding symposium!

Program Director:
Scott D. Fitzgerald, DVM, PhD
Diagnostic Centers for Population & Animal Health,
Michigan State University
E-mail: Fitzgerald@dcph.msu.edu
Phone: 517-353-1774

For more information on this course: visit
http://www.cldavis.org/courses/upcoming.html#66
Workshop & Symposium on Laboratory Animal Diseases
Sponsored by the C.L. Davis DVM Foundation
Chicago, Illinois, U.S.A.
Wednesday 16 April through Saturday, 19 April, 2008

- Symposium on "Diseases on Non-Murine, Non-Lagomorph Rodents" by Drs. Cynthia-Besch Williford and Craig Franklin of the Univ. of Missouri, Columbia
- 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 Mouse Pathology and Disease
- Simulated Practical Examination and Quizzes on Primate Pathology and Regulations

Program Director: JAMES E. ARTWOHL, DVM.
Biologic Resources Center, 1840 West Taylor Street, Chicago, Illinois
Phone: 312-996-1217
Email: jeart@uic.edu
For complete information on this course, please visit the Davis Foundation website at: http://www.cldavis.org/courses/upcoming.html
Topics In Laboratory Animal Medicine

Date May 15-18, 2008
Location: NCSU College of Vet Med
South Theatre, Raleigh, NC

Program Director: David M. Kurtz,
Experimental Pathology Laboratories, Inc.
(919) 541-5155 dkurtz@epl-inc.com

This symposium will present relevant topics in Laboratory Animal Medicine with an emphasis on the ACLAM primary species and recent literature. The NIEHS slide collection on biology and diseases of lab animal species, as well as the Foundation’s collection of video lectures will be available for individual study.

Mice •••• Equipment •••• Ferrets
Literature Review •••• Fish
Biosafety and Biocontainment
NHP Secondary Species
Swine •••• Dogs
Mock ACLAM Exam

Tuition:
Members: $275 Nonmembers: $350

For more info, visit:
http://www.cldavis.org/courses/upcoming.html
2nd Annual Davis Foundation Pre-Forum Symposium at the ACLAM Forum

Zebrfish Management, Welfare, and Medicine

April 13, 2008

Marriott Grande Dunes Hotel, Myrtle Beach, South Carolina

Featured Speakers:
Dr. Jan Spitsbergen, Univ. of Oregon
Dr. Claudia Harper, Amgen, Inc
Chris Lawrence, Brigham and Women's Hosp.
Dr. Roy Yanong, Univ of Fla.

Tuition of $125 includes 8 hours of RACE-accredited CME, break refreshments, syllabus materials, and a DVD copy of “Diseases of Fish” by Dr. Judy St. Leger of the Sea World Companies.

Program Director: Maryann Vasbinder, DVM, DAACLAM
Director, Veterinary Medicine, GlaxoSmithKline
Research Triangle Park, NC
Tel: 919 483-3463
Email: maryann.8.vasbinder@gsk.com

For more info about this course, please visit: http://www.cldavis.org/courses/upcoming.html#74
C.L. DAVIS
EUROPEAN DIVISION
PATHOLOGY
SYMPOSIUM
Dubrovnik, Croatia
15-17 Sep ‘08

OPHTHALMIC PATHOLOGY
ACUTE AND CHRONIC INFLAMMATION – LARGE ANIMAL GI PATHOLOGY

For more info, visit: http://www.cldavis.courses/upcoming.html
or contact Course Director, Elizabeth McInnes, at mcinnese@ukorg.huntingdon.com
Third Annual IAAAM/C.L. Davis Workshop on the Diseases of Marine Species
39th Annual IAAAM Conference
Rome, Italy
May 10, 2008

For the third year, Dr. Judy St. Leger of Sea World will host a full-day seminar combining didactic lectures, case presentations, and audience interaction to cover what’s new and exciting in pathology of sea creatures. This year’s keynote speaker, Dr. Linda Lowenstein of UC Davis will lecture on “Pathology in Marine Mammal Health and Diseases Investigations.” A tuition of only $75 includes eight hours of continuing education, refreshments, syllabus and a DVD of the case slides for review.

For more info, visit: http://www.cldavis.org/courses/upcoming.html or contact Dr. St. Leger at judy.si.leger@seaworld.com
Bovine Pathology for the Practitioner
DATE: 18-19 July 2008
LOCATION: Facultad de Ciencias Veterinarias, Universidad Nacional del Nordeste, Corrientes

This Seminar is sponsored by the Argentine Division of the Charles Louis Davis DVM Foundation for Advancement of Veterinary Pathology.

DESCRIPTION: This day-long symposium will provide the bovine practitioner with real-world, practical knowledge concerning the diagnosis of pathologic conditions in cow and calf diseases. The experience will be invaluable for those practitioners occasionally facing the prospect of making provisional diagnosis following field necropsies. The seminar will concentrate on gross necropsy findings, establishment of an appropriate differential diagnosis for common conditions, and occasionally, some microscopic findings integral to diagnosis.

Dr. Ted Clark of the Diagnostic Laboratory of the Calgary CARE Center, a board-certified veterinary pathologist with 32 years of experience. Dr. Clark will lecture on Common Pathology and Conditions of Feedlot Cattle

Dr. Milton McAllister, a board-certified veterinary pathologist at the University Of Illinois College Of Veterinary Medicine. will follow with a talk on Calfhood Diseases, with a special focus on important protozoal diseases.

The symposium will conclude with a group discussion of challenging case scenarios to reinforce the important diagnostic principles of the day. Participants will receive not only a complete syllabus for the seminar, but also a copy of Cornell University Professor of Pathology John M. King’s “The Necropsy Book”, now in its fourth edition, replete with tips on conducting necropsies in ruminants and other domestic species.

TUITION: 100 Argentine pesos includes syllabus, break refreshments, and a copy of the Necropsy Book

For more information on this course, contact Course Director Dr. Eduardo Gimeno at ejgimeno@fcv.unlp.edu or visit: http://www.cldavis.org/courses/upcoming.html#76
The Department of Microbiology, Immunology & Pathology, CSU, is pleased to host the 2008 Primate Pathology Workshop, to be held Saturday 13th – Sunday 14th September, at the CSU main campus, Fort Collins, CO.

Program.
Saturday 13th September: Introduction to and overviews of major infectious disease studies and programs at MIP/CSU (incl. FIV, prion diseases, tuberculosis, highly pathogenic avian influenza and other “select agents”).
Sunday 14th September: Non-human primate pathology case presentations.

As in the past, anyone is invited to present material from interesting non-human primate case(s). Presentations are oral and accompanied by visual aids. Presentations are anticipated to be 12-15 minutes long, depending on the final number of registered presentations. The case submission deadline is 1st July, 2008. Registration deadline for non-presenting participants is 1st August, 2008.

The registration fee is US$50.00, which should be sent as a check issued to Colorado State University (with a memo indicating PPW2008).

The Primate Pathology Workshop 2008 Registration Form (please print out entire page and send to address below).

Name:  ________________________ ______________________________
Institution: ___________________________________________________
                      __________________________________________
Address: _____________________________________________________
                      __________________________________________
Phone: ________________ E-mail:_________________________________

Slides: For each case, please submit (i) 60 slides with cover-slipped H&E sections, (ii) a page detailing signalment and a short, pertinent history, and (iii) a separate page with description of the lesion(s), diagnosis, discussion, and references (if applicable).

Send the registration/submission form, registration-fee, slides, and case information to:

Helle Bielefeldt-Ohmann
Department of Microbiology, Immunology & Pathology
1619 Campus Delivery
Colorado State University
Fort Collins, CO 80523-1619
USA
Phone: 1-970-491-7292
e-mail: helle.ohmann@colostate.edu
Cytology for the Anatomic Pathologist and “High-Speed” Practitioner

DATE: 14-15 May 2008  
LOCATION: University of Sao Paolo, Sao Paolo ,Brazil  
PROGRAM DIRECTOR:  
Prof. Renato de Lima Santos  
Escola de Veterinaria da UFMG  
Dept. Clinica e Cirurgia Vet.  
Av. Antonio Carlos, 66.27  
31270-901 Belo Horizonte, MG Brazil  
Phone: 55-31-3499-2239  
Email: rsantos@vet.ufmg.br

Dr. Donald Meuten, DVM and Dr. Mary Anna Thrall, DVM bring their heralded two-day cytology workshop to as a pre-conference workshop to ONCOVET V. This short course and wet lab is designed for the pathologist or skilled clinical practitioner that wants to acquire or expand their skills in diagnostic cytology. The lectures in this symposium and workshop include the general approach to evaluating cytologic preparations, recognition of various preparation artifacts, and the interpretation of a wide array of specimens including inflammatory and infectious lesions, neoplasms, and bone marrow, as well as tips on crafting an appropriate written description for a cytologic specimen. A portion of the program will consist of projection of actual cytologic slides with real-time interpretation and a group discussion led by the faculty. Attendees are encouraged to bring their own interesting cases for review and group discussion. Drs. Meuten and Thrall have presented this symposium at a number of venues both for clinicians and pathologists alike, to rave reviews.

A sampling of reviews from their cytology workshop at the 2006 ACVP meeting in Tucson:

- “This was the best symposium I have ever attended! Kudos to the planners and the speakers”
- “both presenters gave excellent presentations—easy to follow and full of practical tips.”
- “A great presentation given with the insight that only true professionals can impart. A pleasure to attend”
- “Great presentations: didactic, entertaining, practical and useful”
- “A great double act!...LOVED the point-counterpoint repartee between Don and Mary Anna. Made talk much more fun and interesting.”

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<td>Professionals</td>
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<td>Students</td>
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For more info and registration, visit: http://www.abrovet.org.br
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<tr>
<td>24-28 March 08</td>
<td><strong>36th Annual Gross Pathology Course, Bethesda, MD</strong></td>
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<td>27 March 08</td>
<td>CLD/AAHA Preconference Meeting – Tampa, FL - Getting the Most Out of Your Pathologist</td>
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<td>9-11 April 08</td>
<td><strong>CLD Symposium on Diagnostic Pathology of Aerial, Terrestrial, and Aquatic Wildlife – Madison WI</strong></td>
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<td>13 April 08</td>
<td><strong>2nd Annual CLD/ACLAM Symposium – Management and Diseases of Fish in the Laboratory Setting</strong></td>
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<td>17-20 April 08</td>
<td>Workshop and Symposium on Lab Animal Diseases, Chicago, IL – Pathology of Non-Murine Laboratory Rodents</td>
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<td>18 April 08</td>
<td><strong>1st NE Division Day Seminar – Tuberculosis in the 21st Century</strong></td>
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<td>24-25 April 08</td>
<td><strong>2nd Annual Korean Symposium – Descriptive and Illustrative Pathology</strong></td>
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<td>14-15 May 08</td>
<td><strong>3rd Annual Brazilian Division Symposium – Diagnostic Cytology for Anatomic Pathologists and High-Speed Practitioners</strong></td>
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<td>15-19 May 08</td>
<td>CLD Seminar - Topics in Lab Animal Medicine, Raleigh, NC</td>
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<td>2-6 June 08</td>
<td>AFIP Descriptive Veterinary Pathology Course – Washington, D.C.</td>
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<td>19-22 June 08</td>
<td>13th International Congress on Infectious Diseases, Kuala Lumpur</td>
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<td>7-11 July 08</td>
<td>General Pathology Beach Party – Tampa/St. Pete, FL</td>
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<td>18 July 2008</td>
<td><strong>4th Annual Argentinian Symposium – Bovine Pathology for the Practitioner – Corrientes, AR</strong></td>
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<td>27-31 July 2008</td>
<td><strong>29th World Veterinary Congress 2008 – Vancouver, British Columbia</strong></td>
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<td>13-15 Aug 08</td>
<td><strong>1st Annual Colombian Symposium – Universidad Nacional, Bogota – Dermatopathology, Neuropathology, and Oncology of Small Animals</strong></td>
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<td>13-14 Sep 08</td>
<td>2008 Primate Pathology Workshop, Colorado State Univ.</td>
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<td>19-21 Sep 08</td>
<td><strong>European Division Symposium – Dubrovnik, Croatia</strong></td>
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<td>24 Sept 08</td>
<td><strong>2nd Annual CLD/AABP Seminar – Pathology of Abortions in Cattle</strong></td>
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<td>10 Oct 2008</td>
<td>15th Annual CLD/AAZV Zoo and Wildlife Pathology Seminar</td>
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<td>14 Nov 2008</td>
<td><strong>CLD/ACVP Diagnostic Path Symposium – San Antonio TX – Orthopedic Pathology – 50 Years On.</strong></td>
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<td>5 Dec 08</td>
<td><strong>2nd Annual CLD/AAEP Seminar – San Diego, CA</strong></td>
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