Between August 21 and 24 of this year, a special first-time course was held at the Taronga Zoo, Sydney, New South Wales. This Wildlife Pathology short course was the result of a collaborative effort between the Charles Louis Davis DVM Foundation, the Australian Registry of Wildlife Health, the Cybec Foundation, and the Department of Agriculture, Fisheries and Forestry of the Australian Government.

This was billed as the first course dedicated to wildlife pathology ever held in Australia, and judging by the response and evaluations of the 140 participants it was an overwhelming success.

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Featuring four members of the CL Davis Faculty of Discussants, including Dr. Judy St. Leger, Dr. Richard Montali, Dr. Gary Wobeser, and Dr. Scott Fitzgerald, this course provided 13 hours of outstanding overview presentations. This core was supplemented by over a dozen local Australian experts lending their expertise on all types of native Australian wildlife species, and included scientists from academia, zoo and wildlife parks, and members of the Australian Wildlife Health Network.

Inaugural Wildlife Pathology Short Course is a Hit in Sydney

(continued on Page 3)
First Foundation Stem Cell Meeting Shows its (Pluri)Potential at Columbia University

The NE Sub-Division held a day-seminar on October 3rd, its first at the College of Physicians and Surgeons in Columbia University, Manhattan, New York, on Stem Cell Therapy In Animal Models Of Human Diseases. More than 50 attendees, including DVM and MD pathologists, molecular biologists, post-doctoral scholars and residents came from as far as the West Coast and Canada. Course Director, Dr. Manu Sebastian, Chief of Comparative Pathology at Columbia University, welcomed the participants. Dr. Zadok Ruben, NE program director, introduced the Foundation.

Dr Lori Sussel, Associate Professor, Naomi Berrie Diabetes Center, Columbia University, gave the first talk with an introduction of stem cell biology and the role of stem cell therapy in diabetes mellitus. The next talk was by Dr Jennifer Moore, Assistant Director of Stem Cell Research Center, Department of Cell Biology and Neuroscience, Rutgers University, on characterization of a neural human embryonic stem cell line.

After a coffee break, Mr. Steve Kovler of Aperio gave a short presentation on applications of digital pathology. This was followed by Dr. Mark Thiede, Research Fellow in the Genetically Modified Models Center of Emphasis, Pfizer, Groton, CT, who detailed the stem cell based assays applicable to the discovery, pharmacology and toxicology of drug candidates. The afternoon session started with a presentation by Dr. René Meisner, Senior Scientist, Stem Cells, Inc. Palo Alto, CA on stem cell preclinical trials in different animals models of neurodegenerative diseases.

The much-awaited talk of the day was given by the FDA’s Dr. Theresa Chen on preclinical perspectives for stem cell therapy products. Dr Chen detailed the various criteria used for toxicological evaluation of stem cell therapy. Dr. Warren Sherman, Director, Cardiac Cell-Based Endovascular Therapies, Center for Interventional Vascular Therapy, Columbia University, reviewed various stem cell therapy experiments conducted in animal models for myocardial infarction; he also discussed the clinical perspectives of human myocardial infarction and the future of stem cell therapy for this disease. A presentation on the role of stem cells and progenitor cells in brain tumors, was given Dr. Peter Canoll, a neuropathologist in the Herbert Irving Cancer Institute, Columbia University. He used several images of mouse models of different brain tumors and explained in the possible role of stem cells in brain tumorigenesis.

The final talk was by Dr. David M. Owens, Florence Irving Assistant Professor of Epithelial Cell Biology in the Departments of Dermatology and Pathology, Columbia University, on the role of cutaneous epithelial stem cells in skin regeneration and carcinogenesis. During the closing discussion, several participants suggested a similar seminar to be organized every year on the same topic as this is one of the most rapidly developing areas in biomedical research.
Dr. Karrie Rose and Jane Hall of the Taronga Zoo deserve special mention for arranging for the venue, proceedings, and organizing all the Australian speakers in the program. One special feature of this meeting was the funding of six fellowships which allowed young investigators and veterinary students to attend the meeting at reduced or fully subsidized rates, thanks to the generous sponsorship of the Cybect Foundation.

This meeting provided great educational value and networking opportunities, and is an example of the ongoing international educational efforts of the CL Davis Foundation.

Scott Fitzgerald, DVM, Ph.D.

Preliminary Announcement for 2008
Gross Morbid Pathology of Domestic Animals

Mark your calendars for the 34th Annual Gross Pathology Meeting!!!

Featuring:

- Dr. Ana Alcaraz on Pathology of Swine
- Dr. Michael Eckhaus on Pathology of Lab Rodents and Rabbits
- Dr. Leslie McLaughlin on Pathology of the Horse
- Dr. Peg Miller on Pathology of Ruminants
- Dr. Dan Shaw on Avian Pathology
- Dr. Judy St. Leger on Pathology of Marine Mammals and Fish
- Dr. Ross Tarara on Pathology of Non-Human Primates
- Dr. Bruce Williams on the Pathology of Dogs and Cats

This course will be held in Bethesda, Maryland. We are currently looking at an alternative venue from past years, so stay tuned for further information via the Davis Foundation website at www.cldavis.org
Orthopedic Pathology

– 50 Years On

Revisiting 22 Classic Entities
from the 1958 ACVP meeting
on Skeletal Disease

14 Nov 2008 – San Antonio, TX

Including:

- Hypertrophic osteopathy
- Rickets
- Porphyria
- Hypovitaminosis C
- Renal osteodystrophy
- Fluorosis
- Osteogenesis Imperfecta
- Osteoarthritis
- Actinomycosis
- Atrophic rhinitis
- Osteosarcoma
- Multiple myeloma
- Metastatic carcinoma
- Osteoarthritis
- Coccidiomycosis

Participants will receive a DVD set with the transcript and 260 images from the 1958 symposium, biographies of the original presenters, and 23 virtual slides of the entities presented in 1958 and 2008.
It’s Finally HERE!!!

Histological Classification of Tumors of the Endocrine System
of Domestic Animals

Authors: M. Kiupel, C. Capen, M. Miller, R. Smedley.

ISBN: 978-1-4276-3153-4 Available for US $55.00

Order the last volume and complete your set! This 187-page volume on tumors of the endocrine system is replete with 195 full-color images, as well as the most exhaustive descriptions and reference lists of any of the WHO fascicles to date. The extensive discussions found in this must-have fascicle also include "tumor-like" lesions, classification of tumors of various endocrine organs based on hormone production, an extensive review of paraganglia and dispersed endocrine cells, and even references to common endocrine tumors in lab animal species! Volume XII was a while in coming, but we are sure you will find it worth the wait! Books are shipped by USPS MediaMail. Please allow 2 weeks for delivery.

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E-mail:cldavisdvm@comcast.net
8th Annual C.L. Davis Diagnostic Pathology Symposium
Gastrointestinal Pathology

Faculty:
Matti Kiupel
Fabio del Piero
Glen Songer
Roger Maes

Diagnosis and Pathogenesis of Enteric Bacterial Diseases

Gastrointestinal Pathology of Horses, Cattle, Swine, Dogs, and Cats

Diagnosis of Viral Enteric Disease

Given in association with the 51st Annual Meeting of the AAVLD
October 24, 2008 - Greensboro, NC

Tuition: $125 includes CD of presentations, breaks, and 8 hours of RACE-accredited CE.

For more information, visit http://www.cldavis.org/upcoming_meetings.html
or email course director Dr. Matti Kiupel at kiupel@dcph.msu.edu

Charles Louis Davis, DVM Foundation
6241 Fomoor Lane, Gumee, Illinois 60031-4757
Phone: 301-467-4024 | Fax: 202-782-9010 | Toll Free: williams@cldavis.org | http://www.cldavis.org
The 2nd Annual Wayne O. Kester Lecture:
Infections caused by Rhodococcus equi
A post-meeting Symposium presented by the
AAEP, and the C.L. Davis DVM Foundation

Come join us for an eight-hour seminar following this year's annual AAEP meeting in San Diego, CA, on Rhodococcus equi infection, a disease as important to the horse industry today as it was fifty years ago. The day’s topics will include the latest information on clinical manifestations, pathogenesis and pathophysiology, diagnostic approaches, epidemiology, genetics, vaccine developments, and treatment as well as existing controversies surrounding this important disease. The workshop will close with a panel discussion with audience participation.

For more info, visit http://www.aaep.org
or http://www.cldavis.org

8AM-5PM
11 December 2008
San Diego
Convention Center,
San Diego CA
(same location as AAEP meeting)

Program Director:
Fabio Del Piero, DVM, PhD
New Bolton Center
382 W. Street, Road
Kennett Square, PA 19348
Phone: 610-925-6210
E-mail: fdp@vet.upenn.edu
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<td>8&lt;sup&gt;th&lt;/sup&gt; Annual CLD/AAVLD Diagnostic Path Symposium – GI Pathology</td>
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<td>14 Nov 2008</td>
<td>CLD/ACVP Diagnostic Path Symposium – San Antonio TX – Orthopedic Pathology – 50 Years On</td>
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<td>5 Dec 2008</td>
<td>2&lt;sup&gt;nd&lt;/sup&gt; Annual CLD/AAEP Seminar – San Diego, CA - Infections due to <em>Rhodococcus Equi</em></td>
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<td>14-17 May 2009</td>
<td>Workshop on Laboratory Animal Science – Raleigh NC</td>
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<td>6-10 Jun 2009</td>
<td>2&lt;sup&gt;nd&lt;/sup&gt; Annual Review of General Pathology – St. Pete’s Beach, Florida</td>
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