

Dr. Paul C. Stromberg, DVM, Ph.D. (Parasitology),

Diplomate ACVS, Professor Emeritus,

Past President of the American College of Veterinary  
Pathologists

Consultant retained by Veterinary Advisory Committee

## CURRICULUM VITAE

Paul C. Stromberg

### PERSONAL DATA

Home Address: 1284 Scituate Court  
Westerville, Ohio 43081  
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Business Address: Department of Veterinary Biosciences  
1925 Coffey Road  
The Ohio State University  
Columbus, Ohio 43210  
TEL: (614) 292-9684 FAX: (614) 292-6473; Cell: 614-975-9651  
E-mail: Stromberg.1@osu.edu

Birthdate: June 9, 1945

Birthplace: Morristown, New Jersey

Citizenship: U.S. Citizen

### DEGREES AND CERTIFICATION

B.Sc. <i>with distinction in zoology</i>	1967	The Ohio State University
Ph.D. (Parasitology)	1973	The Ohio State University
D.V.M. <i>cum laude</i>	1978	The Ohio State University
Diplomate (elected by examination)	1983	American College of Veterinary Pathologists

### PATENTS

Monoclonal Antibody to Canine Placental Oncofetal Protein for Detecting Cancer U.S. Patent No. 5,532,1590. 7/2/96

Method of Producing Monoclonal Antibodies to Oncofetal Protein. U.S. Patent No. 5,650,300. 7/22/97

Monoclonal Antibody to Oncofetal Protein for Treating and Detecting Cancer. U.S. Patent No. 5,656,444. 8/12/97

Method of Using Monoclonal Antibodies to Oncofetal Protein for Treating Cancer.  
U.S. Patent No. 5,688,505. 11/18/9

### AWARDS AND FELLOWSHIPS

1966 - 1967	President's Scholarship Award, The Ohio State University
1967	Woodrow Wilson Fellowship Competition, Honorable Mention
1969	Mary H. Osborn Fellowship: Department of Zoology, The Ohio State University
1970	NSF Summer Traineeship: Franz Theodore Stone Laboratory
1976	USPHS Postdoctoral Traineeship: Acarology Summer Program, The Ohio State University
1978	Phi Zeta (Veterinary Medical Honorary Society)
1991	U.S. Army Medical Research Institute of Infectious Disease, Ft. Detrick, Maryland. Summer Faculty, Research & Engineering Program
2003	Robert L. Farrell Distinguished Lecturer Award; C.L. Davis DVM Foundation
2008	Distinguished Professor Award, Asian Foundation for the Advancement of Veterinary and Animal Science, Gwangju, Korea Nov 5th, 2008
2012	James M Siddens Award for Distinguished Faculty Advising, Ohio State University
2012	Presidential Award from the American College of Veterinary Pathologists.

## **RESEARCH INTERESTS**

Parasitology and parasitic diseases  
Surgical Pathology/ Dermatopathology  
Gene therapy  
Simian AIDS Pathogenesis  
Tuberculosis

## **ACADEMIC APPOINTMENTS**

2013- present	Professor-Emeritus
1985 - 2013	Associate and Full Professor of Veterinary Pathology, Ohio State University
1987 – present	Private surgical pathology practice ( <i>Veterinary Diagnostics/IDEXX, PetLabs, Clinilabs, K&amp;K Surgicals, Cincinnati Vet Labs</i> ) Columbus, OH
1984	Associate Professor of Veterinary Pathology, Texas A&M University
1982-1984	Assistant Professor of Veterinary Pathology, Texas A&M University
1978-1982	Adjunct Instructor in Veterinary Pathobiology, The Ohio State University College of Veterinary Medicine
1978-1982	Resident in Veterinary Pathology, The Ohio State University and Battelle Columbus Laboratories
1978-1982	Private Companion Animal Practice, Westerville Veterinary Clinic, Westerville, Ohio

1974-1978	Veterinary Student and Research Assistant in Veterinary Pathology, The Ohio State University
1973-1974	Postdoctoral Fellow, Center for Lake Erie Area Research, Columbus, Ohio
1972-1973	Staff Research Biologist, Center for Lake Erie Area Research, Columbus, Ohio
1967-1972	Teaching Associate, Department of Zoology, The Ohio State University
1968	Summer Research Fellow, Ohio Cooperative Fisheries Unit, Eastern Fish Disease Laboratory, Leetown, West Virginia,
1965-1967	Research Assistant, Ohio Cooperative Wildlife Research Unit, (Cl-36-DDT Cycling in Lake Erie Wetlands Community Research
1964-1965	Research Assistant, Department of Clinical Pathology, The Ohio State University Hospitals, (Cytogenetic Studies Related to Hemopoietic Disorders)

## **PROFESSIONAL MEMBERSHIPS**

American Association for the Advancement of Science  
 American College of Veterinary Pathologists  
 American Association of Veterinary Laboratory Diagnosticians  
 American Veterinary Medical Association  
 Charles Louis Davis DVM Foundation  
 Ohio Academy of Science (Elected as "Fellow" in 1989)  
 Phi Zeta (Veterinary Medical Honor Society)  
 Sigma Xi

## **TEACHING EXPERIENCE**

Basic Biology and Zoology - 1967, 1968  
 Histology - 1968  
 Introductory and Advanced Ecology - 1969, 1970  
 Advanced Parasitology - 1971  
 Applied Veterinary Pathology (TAMU and OSU) - 1978 to present  
 Group Studies in Advanced Gross Pathology (OSU Vet Path 794.09) - 1978, 1979  
 Beginning Histopathology - 1982  
 Veterinary Surgical Pathology (TAMU and OSU) - 1982 to present  
 Pathology of Laboratory Animals - 1984 (VPath 653)  
 Pathology of Bacterial Disease - 1984, 1985 (VMID 921)  
 Respiratory System Core Course Team (OSU VM 601) - 1985 to present  
 Comparative Oncology Team (OSU Vet Path 720) - 1985 to present  
 Advanced Systemic Pathology (OSU Vet Path 810, 811, 812 - 1985 to present.  
 Team Leader, 1987 to present

Integumentary System Core Course Team (OSU VM 606) - 1992 to present  
Applied Veterinary Pathology, OSU; Team Leader - 1994 - present  
Veterinary Immunology (OSU Vet Biosci 717); cutaneous immunology/immunopathology - 1995 to 2001.

## **SERVICE**

### **Department of Veterinary Biosciences**

Graduate Studies Committee; Member - 1990 to 1997  
Promotion and Tenure Committee; Member - 1995 to present  
Faculty Search Committees; Member of multiple committees since 1987  
Strategic Planning Committee (Dept Veterinary Biosciences) - 1995-96  
General Examination Committees; Member, multiple committees at Texas A&M and OSU.  
Excellence in Education Committee – 2004 to 2008  
Director of Applied Pathology, 2010 to 2013

### **College of Veterinary Medicine**

Strategic Planning Committee (College of Veterinary Medicine); Member -1989 to 1990  
Academic Standards Committee; Member, 1990-1992  
Respiratory System Planning Team - 1992-1993  
Integumentary System Planning Team - 1993  
Anatomy Planning Team - 1992  
Pharmacology Planning Team - 1993  
Laboratory Animal Medicine Planning Team - 1993  
Council of Education - 1994 to present  
Curriculum Committee - 1996 to present; Chairman - 1997 to present.  
Search Committee for Chairperson of Dept Vet Biosciences - 1996-97  
General Examination/Dissertation Reading Committee; Member, (multiple committees)  
College Research Day Committee - 1993-1995  
Sisson Hall Replacement Planning Committee - 1996-97  
Conflict of Commitment Committee – 2006  
Accreditation Preparation Committee 2006

### **Ohio State University**

Industrial Research and Development Advisory Committee – 1996-98  
Search Committee for Director, University Office of Industrial Outreach - 1996  
General Examination and Dissertation Committees; Graduate School Representative,  
Member of multiple committees in medical pathology, zoology, entomology, pharmacy  
and natural resources 1985 - current  
Search Committee for Director, Office of Technology Transfer - 1996-97  
University Faculty Senate Representative (Alternate) - 1997-2000  
Faculty Committee on Patents and Copyrights - 2000-2003

## Professional

Reviewer, scientific manuscripts; *J Parasitol, Vet Pathol, Vet Parasitol, Tox Pathol, Lab Animal Sci* - periodic, ongoing from 1982 to present  
Board of Scientific Councilors, NIEHS/NTP; Ad-hoc Reviewer - 1987  
Ohio Academy of Science, Board of Councilors - 1987 to 1990  
Ohio Academy of Science, Vice President, Section A - 1988  
C. L. Davis DVM Foundation - Faculty of Discussants, 1988 to present  
C. L. Davis DVM Foundation - Advisory Board, 1997-current  
C.L. Davis DVM Foundation - Strategic planning committee, 1999 to 2001  
Society of Toxicologic Pathologists; Member, nomenclature committee for proliferative hematopoietic lesions in rats - 1991  
Board of Scientific Advisors, Electric Power Research Institute; 60Hz magnetic field/leukemia study - 1991-1997  
International Agency for Research on Cancer; Chair of nomenclature committee for lymphoreticular system in rats - 1991-1992  
Pathology Working Group, NIEHS/NTP for Tumeric Oleoresin; Research Triangle Park - April 1991  
American College of Veterinary Pathologists; Member, Role Delineation Committee - 1989  
American College of Veterinary Pathologists; Proctor, Certifying Examination Committee - 1991-92  
American College of Veterinary Pathologists; Member, Certifying Examination Committee - 1993-1998  
American College of Veterinary Pathologists; Chairman of Anatomic Pathology, Certifying Examination Committee, 1996-97  
American College of Veterinary Pathologists; Member, Educational Program Committee - 1995-96  
American College of Veterinary Pathologists; Chairmen, Plenary Session on *Advances in Diagnostic Pathology and Oncology*, 47th Annual Meeting, Seattle, WA, 1996  
**American College of Veterinary Pathologists; Secretary/Treasurer. 1999 – 2004**  
**American College of Veterinary Pathologists. Vice President/President elect – 2005; President 2006**  
**American College of Veterinary Pathologists. Interim Certifying Examination Board - 2012 to present.**  
International Agency for Research on Cancer; Chair of nomenclature committee for lymphoreticular system in mice - 1995-97  
Pathology Working Group; PATHCO (BASF), Frederick, MD - April 1995  
Pathology Working Group; EPL/Battelle Columbus Laboratories (PCB) - Sept 1995  
Pathology Working Group; EPL/RTP (hexamethyldisiloxane, octamethylcyclotetrasiloxane, decamethylcyclopentasiloxane) - June 1996  
Pathology Working Group; EPL/RTP - Aug 18, 1997  
**Editorial Review Board, *Veterinary Pathology* - 1997 to 2000**  
Scientific Advisory Board; Prottyde Pharmaceuticals, Inc. - 1996 and 1997  
Member, OSU Comprehensive Cancer Center - 1987 to present  
**Veterinary Medical Advisory Committee, Food and Drug Administration, Washington DC, April 24, 2009 to October 31, 2012; Minor Use Minor Species (MUMS) RFA Review Process, April 5<sup>th</sup>, 2011**

## **RESEARCH SUPPORT**

Impact of Parasitic "Redworms" on Lake Erie Fish. U.S. Bureau of Sport fisheries No. F-48-R-I-III (1972-75). \$186,000. (Co-Principal Investigator)

Battelle Corporate Technical Development Fund. Internal grant to develop visible basic research capability in pathology (1980-82). \$300,000. (Co-Principal Investigator)

Intravenous Lethality and Toxicity Studies in CDF<sub>1</sub> Mice and Beagle Dogs of Dihydro-5-Azacytidine HCL. National Institutes of Health/National Cancer Institute Contract (1981). \$200,000. (Co-Investigator)

Preclinical Single and Five Daily Dose Range-Finding, Lethality and Toxicity Studies in CDF<sub>1</sub> Mice and Toxicity Studies in Beagle Dogs Administered Tiazofurin (NSC 286193). National Institutes of Health/National Cancer Institute Contract (1982). \$213,000. (Co-Investigator)

Pathogenesis of Immune-Mediated Hemolytic Anemia Secondary to Lymphoreticular Neoplasia. Biomedical Research Support Grant No. 55352-7 (1984). \$2,325. (Principal Investigator)

Pathogenesis of Strongylus vulgaris - Mediated Mesenteric Arteritis in Horses. U.S.D.A. Formula Funds No. 6662 (1982-85). \$33,000. (Principal Investigator)

Effects of Toxic Substances on Growth, Survival and Pathology of Larval Fishes in the River Raisin, Michigan. U.S. Environmental Protection Agency Grant No. CR-810808-01 (1982-1985). \$54,928. (Co-Investigator)

Mechanisms of Tumor-induced Autoimmunity. Texas Center for Comparative Medicine No. 18,820-3 (1983-85). \$25,500/yr. for 2 years. (Principal Investigator)

Medullary Osteosclerosis in Large Granular Lymphocyte Leukemia of Fischer Rats: Histomorphometric and In Vitro Studies. Organized Research Reserve Grant No. ORR2-85 (1984). \$1,940. (Co-Investigator)

Mechanisms of Resistance in Bovine Psoroptic Mange. USDA Cooperative Agreement (1985-87). \$6,000. (Principal Investigator)

Mechanisms of Leukemia-induced Autoimmune Disease. Elsa U. Pardee Foundation Grant No. 719005 (1986-1987). \$47,587. (Principal Investigator)

The Role of T Lymphocytes in Leukemia-Induced Autoimmune Hemolytic Anemia. University Seed Grant No. 221995 (1987-1988). \$12,000. (Principal Investigator)

Pathogenesis and Resistance to Horn Flies on Cattle. USDA Formula Funds (1988-89). \$12,048. (Principal Investigator)

- Pathogenetic Mechanisms in Feline Leukemia. Subcontract with Univ. S. California, on NIH, R01-CA51485 (12-01-89 thru 11-30-94). \$250,000. (Co-Investigator; P. Roy-Burman, P.I.)
- Immunoprevention of HTLV Infection. NCI-R01 CA40714-05 (9/30/85 thru 11/30/91). \$109,278/yr. (Co-Investigator)
- Merck, Sharp & Dohme - Banyu Pharmaceutical Toxicologic Pathology Training Grant. (Jan 88 to Dec 90) \$25,000/yr. (Principal Investigator)
- Morphometric Analysis of Hepatocyte and Hepatocellular Peroxisome Proliferation in Rats Treated with Clofibrate. Merck, Sharp & Dohme Research Laboratories (1990) \$20,000. (Principal Investigator)
- Special Studies Facilitating the Flow of Pre-Clinical Research Leads into Clinical Practice, Task N-A: Modulation of Key Regulatory Enzyme Activity and Levels in Tissues of Laboratory Animals Consuming Fruit and Vegetable Products. NCI-CN-05293-66 (11-30-90 thru 12-1-91). \$221,000. (Principal Investigator)
- Anti-Tumor Activity of Glucarate and HPR. NCI-RO1 CA51756 (12/01/90 thru 11/30/93). \$232,580. (Co-Investigator)
- The Use of Potassium in Control of the Zebra Mussel Dreissena polymorpha Pallas, Natl. Ocean. Atmos. Admin. NA16RG0461-02 (02/01/92 thru 01/31/94). \$115,000. (Co-Principal Investigator)
- Special Studies Facilitating the Flow of Preclinical Leads into Clinical Practice. Effects of Vegetable and Vegetable Fiber on Experimental Mammary Cancer. NCI-CN-25445-51 (09/30/92 thru 12/30/93). \$444,116. (Co-Principal Investigator)
- Expression of OFP during Rat Mammary Carcinogenesis. NCI, R01. CA58940 (12/01/92 thru 11/30/95). \$287,097. (Co-Principal Investigator)
- Use of Oncofetal Protein 55 as a Cancer Marker in Canine Medicine. OSU College of Veterinary Medicine Canine Research Funds (07/01/93 thru 06/30/95). \$11,888. (Principal Investigator)
- Efficacy of Testing \_\_\_\_\_ in FeLV Infected SPF Cats. Colorado Serum Company, Denver, Colorado; Contract No. 539236. (06/06/93 thru 10/31/93). \$73,000. (Co-Investigator)
- Development of OFP<sub>55</sub> as a Cancer Marker in Cats. Robert H. Winn Foundation (03/15/94 through 03/14/97). \$12,138. (Principal Investigator).
- Anatomical, Reproductive and Biochemical Lesions in Adult and Juvenile Ring-bill Gulls in Response to Dietary PCB Exposure. OSU Targeted Interdisciplinary Seed Grant 05/16/94 through 06/30/96. \$50,688. (Co-Principal Investigator with S. Fisher).



- Pathogenic Mechanisms in Feline Leukemia. Renewal of subcontract on NIH, NCI, R01-CA51485 (04-01-95 thru 03-31-00). \$335,038. (Co-Investigator; P. Roy-Burman, P.I.) Combined Vaccine Strategies for the Prevention of AIDS. NIH/NIAID (U01). (03/01/94 thru 02/28/98). \$1,646,801. Co-Investigator (Dennis Pakicalli, P.I.)
- Efficacy of Passively-administered Antibodies in an SIV Macaque Model. Bristol Myers Squibb Pharmaceutical Research Institute (09/01/93 thru 12/31/94). \$171,482. Co-Investigator (Philip Johnson, P.I.).
- Training in Molecular Virology and AIDS Pathogenesis. NIH/NIAID K11 Physician Scientist Award to A.D. Lewis (04/01/95 thru 03/31/99). \$291,000. (Co-Sponsor)
- Purification and Cloning of Canine Oncofetal Protein-55 Protyde Corp., Boston. (08/01/95 thru 07/31/97). \$230,041.00 (Principal Investigator)
- Ultrasound-guided percutaneous ethanol embolization for treatment of neoplasia in dogs: Preliminary Study. OSU University Seed Grant. 1997-98. \$16,918.33. Co-Investigator (R. Leveille, P.I.).
- Use of Turtles as Biomonitorers of Persistent Environmental Contaminants. Ohio Environmental Protection Agency. 01/01/97 thru 12/31/98. \$117,000.00 Co-Investigator (S. Fisher, P.I.).
- Environmental Transmission of hepatitis A virus (HAV) through a zebra mussel-dominated Food chain. NOAA/Ohio Sea Grant and Great Lakes Protection Fund. (06/01/97 thru 07/30/98); \$34,294.00. Co-Principal Investigator (with S. Fisher).
- Atopy Patch Test for the Demonstration of Percutaneous Allergen Entry in Canine Atopic Dermatitis. Heska Corporation. 8/1/97 thru 7/31/99. \$113,904. Co-Investigator (A. Hillier PI).
- Feline Erythropoietin Gene Therapy in Cats: Preliminary Range-Finding Study. College of Veterinary Medicine. (10/01/98 thru 09/30/99). \$5,000. Principal Investigator.
- Cloning and Sequencing of Canine Oncofetal Protein<sub>55</sub>. Heska Corporation. 12/10/98 thru 12/9/99. \$75,972. Principal Investigator.
- Primate Core for Testing VEE-based SIV Vaccines. NIH/NIAID. 07/01/99 - 06/30/04. \$3,990,857. (Co-Investigator; PI PR Johnson).
- Feline Erythropoietin Gene Therapy for the Treatment of Anemia in Cats with Chronic Renal Failure. Morris Animal Foundation. 12/1/99 - 11/31/01. \$74,002.00 Principal Investigator
- Genetics Analysis of the Microenvironment in Breast Tumor Progression. NIH/NCI.

P01 CA97189-01A2. 08/01/04 thru 07/31/09; \$1,129,926 (Co-Investigator; PI M.C. Ostrowski.)

Use of cardiac troponin I for early detection of myocardial damage in dairy cows. OSU College of Veterinary Medicine/USDA. 02/01/2007 through 01/31/2008; \$23,280. (Co-Investigator; PI KE Schober)

Immune correlates of reactivated tuberculosis. NIH/NIAID. 04/01/2007 thru 03/31/2012. \$2,396,541.00. (Co-Principal Investigator w/ J. Turner).

## **GRADUATE STUDENTS**

### **DOCTORAL STUDENTS**

Dr. Sherry Morgan DVM (Texas A&M University)  
Dr. Roger Price DVM (Texas A&M University)  
Dr. Anne Lewis DVM (Ohio State University)

### **MASTERS STUDENTS**

Dr. Barbara Lewis DVM  
Dr. Mary Hanlon DDS  
Dr. Jeffery Hayes DVM  
Dr. James Bailey DVM  
Dr. Erin Brannick DVM

### **DOCTORAL COMMITTEES**

Dr. Laurie McCauley DDS  
Dr. Rustin Moore DVM  
Dr. Krista LaPerle DVM  
Dr. Eric Blomme DVM  
Dr. Katie Knostman DVM  
Dr. Hijime Hiraragi DVM  
Dr. Michael Penn DVM  
Dr. Andrew Gigliotti DVM  
Dr. Julie Hutt DVM  
Dr. Gillian Beamer DVM  
Dr. Bevin Zimmerman DVM  
Dr. Tracey Carlson DVM  
Dr. Steve Chordas BSc  
Dr. Marite Hoffman BSc  
Dr. Sarah B. Chaney DVM

### **MASTER'S COMMITTEES**

## **PUBLICATIONS**

- Dindal DL and **Stromberg PC**: DDT residues associated with cestodes from mallard and lesser scaup ducks. *Bull Env Cont Tox* 5:13-15, 1970.
- Stromberg PC**: Aspidobothrean trematodes from Ohio mussels. *Ohio J Sci* 70:335-341, 1970.
- Stromberg PC**, Shegog JE and Crites JL: A description of the male and the redescription of the female of Camallanus oxycephalus, Ward and Magath, 1916 *Proc Helm Soc Wash* 40:234-237, 1973.
- Stromberg PC** and Crites JL: The life cycle and development of Camallanus oxycephalus, Ward and Magath, 1916 (Nematoda: Camallanidae). *J Parasitol* 60:117-124, 1974.
- Stromberg PC** and Crites JL: Specialization, body volume and geographical distribution of Camallanidae (Nematoda). *Systematic Zool* 23:189-201, 1974.
- Stromberg PC**: Impact of parasitic "Red Worms" on Lake Erie fish. *Ann Rept US Bur Sportfish* F-48-R-I:18, 1974.
- Stromberg PC** and Crites JL: Survivorship, activity and penetration of the first stage larvae of Camallanus oxycephalus, Ward and Magath, 1916 *Int J Parasitol* 4:417-421, 1974.
- Stromberg PC** and Crites JL: Triakinephoriosis in Lake Erie white bass, Morone chrysops *J Wild Dis* 10:352-358, 1974.
- Stromberg PC** and Crites JL: An analysis of the changes in the prevalence of Camallanus oxycephalus (Nematoda: Camallanidae) in western Lake Erie. *Ohio J Sci* 75:106, 1975.
- Stromberg PC** and Crites JL: Population biology of Camallanus oxycephalus, Ward and Magath, 1916 (Nematoda: Camallanidae) in white bass in western Lake Erie. *J Parasitol* 61:123-132, 1975.
- Stromberg PC**: Impact of parasitic "Red Worms" on Lake Erie fish. *Ann Rpt US Bur Sport fish* F-48-R-II: 52 p., 1975.
- Streitel RH, **Stromberg PC** and Dubey JP: Prevalence of Dirofilaria immitis infection in dogs from a humane shelter in Ohio. *J Am Vet Med Asso* 170:720-721, 1977.
- Dubey JP, Streitel RH, **Stromberg PC** and Toussant MJ: Sarcocystis fayeri sp. n. from the horse. *J Parasitol* 63:443-447, 1977.
- Dubey JP, **Stromberg PC** and Toussant MJ: A new drug against *Paragonimus* infection. *Experientia* 33:1154, 1977.

- Dubey JP, Hoover EA, **Stromberg PC** and Toussant MJ.: Albendazole therapy of experimentally induced Paragonimus kellicotti infection in cats. *Am J Vet Res.* 39(6):1027-1031, 1978.
- Dubey JP, **Stromberg PC**, Toussant MJ, Hoover EA and Pechman RD: Induced paragonimiasis in cats: Clinical signs and diagnosis. *J Am Vet Med Asso* 173(6):734-742, 1978.
- Stromberg PC** and Dubey JP: The life cycle of Paragonimus kellicotti in the cat. *J Parasitol* 64:998-1002, 1978.
- Stromberg PC**, Toussant MJ and Dubey JP: Population biology of Paragonimus kellicotti metacercariae in central Ohio. *Parasitol* 77:13-18, 1978.
- Chin EA and **Stromberg PC**: Intravenous lethality and toxicity studies in CHF<sub>1</sub> mice and beagle dogs of the anti-neoplastic agent, dihydro-5-azacytidine hydrochloride. *Battelle Columbus Laboratories Rept* NO1-CM-17365:373 pp., 1981.
- Hause WR, Helphrey ML, Green RW and **Stromberg PC**: Cerebral arteriovenous malformation in a dog. *J Am Anim Hosp Ass* 18:601-607, 1982.
- Stromberg PC**, Ferrante JG and Carter S: Pathology of lethal and sublethal exposure of fathead minnows, Pimephales promelas, to cadmium: A model for aquatic toxicity assessment. *J Toxicol Envir Health* 11:247-258, 1983.
- Stromberg PC**, Wilson F and Capen CC: Immunocytochemical demonstration of insulin in spontaneous pancreatic islet cell tumors of Fischer rats. *Vet Pathol* 20:291-297, 1983.
- Stromberg PC**, Rojko JL, Vogtsberger LM, Cheney C and Berman RA: Immunologic, biochemical and ultrastructural characterization of the leukemic cell in Fischer 344 rats. *J Nat Cancer Inst.* 71:173-179, 1983.
- Stromberg PC** and Vogtsberger LM: Pathology of the mononuclear cell leukemia of Fischer rats. I. Morphologic studies. *Vet Pathol.* 20:698-708, 1983.
- Stromberg PC**, Vogtsberger LM, Marsh LR and Wilson FD: Pathology of the mononuclear cell leukemia of Fischer rats. II. Hematology. *Vet Pathol.* 20:709-711, 1983.
- Stromberg PC**, Vogtsberger LM and Marsh LR: Pathology of the mononuclear cell leukemia of Fischer rats. III. Clinical chemistry. *Vet Pathol* 20:718-726, 1983.
- Chin AE, Wilkinson GE, **Stromberg PC**, Whalan JE. and Kastello MD: Preclinical single and five daily dose range-finding, lethality and toxicity studies in CDF<sub>1</sub> mice and toxicity studies in beagle dogs administered Tiazofurin (NSC 286193). *Battelle Columbus Lab Rpt.* NO1-CM-17365:452 pp., 1983.

- Bauldry SA, Wilson FD, **Stromberg PC** and Ackerman GA: The stimulation of normal rat bone marrow fibroblast proliferation by sera from leukemia Fischer rats. *Expt Hematol* 13:750-759, 1985.
- Stromberg PC**: Animal Model of Human Disease: Large granular lymphocyte leukemia of F344 rats. *Am J Pathol* 119:517-519, 1985.
- Stromberg PC**, Vogtsberger LM, McMurray DN, Marsh LR, Kotur MS and Brown CA: Behavior of transplanted large granular lymphocyte leukemia in Fischer 344 rats. *Lab Invest* 53:200-208, 1985.
- Stromberg PC** and Fisher WF: Dermatopathology and immunity in experimental Psoroptes ovis (Acari: Psoroptidae) infestation of naive and previously exposed Hereford cattle. *Am J Vet Res* 47:1551-1560, 1986.
- Stromberg PC**, Fisher WF, Guillot FS, Pruett JH, Price RE and Green RA: Systemic pathological responses in experimental Psoroptes ovis infestation of Hereford cattle. *Am J Vet Res* 47:1326-1331, 1986.
- Price RE and **Stromberg PC**: The occurrence and distribution of Gasterophilus intestinalis and Gasterophilus nasalis in the stomach of equids in Texas. *Am J Vet Res* 48:1225-1232, 1987.
- McMurray DN, Brown CA, and **Stromberg PC**: Dietary protein deficiency influences large granular lymphocyte leukemia of F344 rats. *Nutrition Res* 7:965-974, 1987.
- Stephens LC, Cromeens DM, Robbins VW, **Stromberg PC** and Jardine JH: Epidermal capillariasis in South African clawed frogs (Xenopus laevis). *Lab Anim Sci* 37:341-344, 1987.
- Guillot FS, and **Stromberg PC**: Reproductive success of Psoroptes ovis (Hering) (Acari:Psoroptidae) on Hereford calves with a previous incidence of psoroptic mange. *J Med Entomol* 24:416-419, 1987.
- Stromberg PC** and Guillot FS: Bone marrow response in cattle with chronic dermatitis caused by Psoroptes ovis. *Vet Pathol* 24:365-370, 1987.
- Stromberg PC** and Guillot FS: Hematology in the regressive phase of bovine psoroptic scabies. *Vet Pathol* 24:371-377, 1987.
- Stromberg PC**: Hemopoietic neoplasms of Fischer 344 rats. In *Atlas of Tumor Pathology in the F344 Rat*. S.F. Stinson, H.M. Schuller, G. Reznik, Eds. CRC Press, 1989.
- Stefanski SA, Elwell MR and **Stromberg PC**: Spleen, lymph nodes and thymus. In *Pathology of the Fischer Rat*, G.A. Boorman, S.L. Eustis, M.R. Elwell, C.A. Montgomery, Jr. and W.F. MacKenzie, Eds. Academic Press, 1990.

- Fay LA, Gessner M, **Stromberg PC** and Hageman J: Effects of toxic substances on growth, mortality, and pathology of larval fishes in the River Raisin, Michigan. *CLEAR Tech Rept* No. 303:137 pp., Ohio State University, 1987.
- Swenson CL, Silverman J, **Stromberg PC**, Johnson SE, Wilke DA, Eaton KA and Kociba GJ: Visceral leishmaniasis in an English Foxhound in an Ohio research colony. *J Am Vet Med Asso.* 193:1089-1092, 1988.
- Stromberg PC**, McMurray DN and Brown CA: Inhibition of in vitro mitogen-induced lymphoproliferative responses by sera from F344 rats with large granular lymphocyte leukemia. *J Clin Lab Immunol* 25:89-95, 1988.
- Stromberg PC** and Schwinghammer KA: Esophageal gongylonemiasis in cattle. *Vet Pathol* 25:41-44, 1988.
- Stromberg PC** and Guillot FS: Pathogenesis of psoroptic scabies in Hereford heifer calves. *Am J Vet Res* 50:594-601, 1989.
- Silverman J, Powers J, **Stromberg P**, Pultz J and Kent S: Effects on C3H mouse mammary cancer of changing from a high fat to a low fat diet before, at, or after puberty. *Cancer Res* 49:3857-3860, 1989.
- Morgan SJ, Storts RW, **Stromberg PC**, Sowa BA, and Lay JC: Preliminary investigations on the effects of a Strongylus vulgaris larval extract, mononuclear factors and platelet factors on equine smooth muscle cells in vitro. *Vet Res Communications* 13:479-489, 1989.
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## **ABSTRACTS**

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- Stromberg PC. "Pathologogenesis" and preparation for the certifying examination in veterinary pathology: An academic perspective. 49<sup>th</sup> Annual Meeting of The American College of Veterinary Pathologists. St Louis, MO, Nov 1998
- Hayes J, Sestak K, Myers G, Kim L, Byrum B, Mohan R, Stromberg P, Saif L: Dual infection of nursery pigs with porcine reproductive and respiratory syndrome virus and porcine respiratory corona virus: Preliminary findings. Ann Meeting Am Assoc Vet Lab Diagnosticians; Minneapolis, MN, Oct 1998
- Hayes JR, Sestak K, Stromberg PC, Saif LJ: Evaluation of dual infection with PRRS and porcine respiratory corona virus in nursery pigs. Ann Meeting Conference of Research Workers, Chicago, IL Nov 1998
- Hayes J, Sestak K, Myers G, Kim L, Stromberg P, Saif L: Synergistic effects of dual infections in nursery pigs with porcine reproductive and respiratory syndrome virus and porcine respiratory corona virus. Ann Meeting Am Asso Swine Pract. Feb 1999.
- Hayes J, Sestak K, Myers G, Kim L, Stromberg P, Byrum B, Mohan R, Saif L: Dual infections in nursery pigs with U.S. strains of porcine reproductive and respiratory syndrome virus and porcine respiratory corona virus. 9<sup>th</sup> Annual Symposium of World Association of Veterinary Laboratory Diagnosticians. College Station, TX, June 1999
- Beall C, Phipps A, Mathes L, Stromberg P, Johnson P: Increase of hematocrit by gene therapy with recombinant adeno-associated virus containing the cat erythropoietin gene. An Meeting of the Amer Soc Gene Therapy. 1999.

Opalek JM, Stromberg PC and Marsh CB. Inflammation helps regulate lung fibrosis. Society for Experimental Biology, April 13, 2003. San Diego

Opalek JM, Stromberg PC and Marsh CB: Mice deficient in Macrophage colony stimulating factor are protected from bleomycin-induced pulmonary fibrosis. Ohio State University Medical Center Graduate and Post-Graduate Research Day, April 3, Columbus, Ohio

Kuipal M, Webster J, Bailey KL, Best S, DeLay J, Detrisac CJ, Gamble D, Ginn PE, Goldschmidt MH, Hendrick MJ, Howerth EW, Janovitz EJ, Lenz SD, Lipscomb T, Miller E, Misdorp W, Moroff S, Neyens I, O'Toole D, Ramos-Vara J, Scase T, Schulman Y, Smith K, Snyder P, Southorn E, Stedman NL, Steficek BA, Stromberg PC, Valli VE, Weisbrode SE, Yager J, Kaneene JB. Microscopic grading of canine cutaneous mast cell tumors: A multi-institutional review. 55<sup>th</sup> Annual Meeting of the American College of Veterinary Pathologists, Orlando, FL, November 2004.

Lairmore M, Oglesbee M, Stromberg P, Wellman M. Developing and fostering a dynamic program for training in veterinary pathology from veterinary students to post graduate education. 55<sup>th</sup> Annual Meeting of the American College of Veterinary Pathologists. Orlando, FL, November 2004

Beamer GL, Rottinghaus EK, Stromberg P, Vesosky B, Turner J: Non-redundant roles for  $\beta$ -Chemokines during *Mycobacterium tuberculosis* infection and granuloma formation. 60<sup>th</sup> Annual Meeting of the American College of Veterinary Pathologists, Monterey, CA December 2009

Brannick, EM and Stromberg, PC: Assessing informational completeness in biopsy forms. 61<sup>st</sup> Annual Meeting of the American College of Veterinary Pathologists, Baltimore, MD Nov 2010. Young Investigator Award, Diagnostic Patholog Session

## **INVITED LECTURES**

Stromberg PC: Ecological investigations of red worm disease in western Lake Erie. Department of Biological Sciences, Drexel University, Philadelphia, Pennsylvania, 1973.

Stromberg PC: Studies of host-parasite ecology. Franz Theodore Stone Laboratory, Put-in-Bay, Ohio, 1973.

Stromberg PC: Strategies in the maintenance of helminth parasite populations. **Franz Theodore Stone Laboratory, Put-in-Bay, Ohio, 1974.**

Stromberg PC: Fischer rat leukemia. American Association of Laboratory Animal Science Meeting, **Salado, Texas, May 1983.**

- Stromberg PC: Origin and characterization of Fischer 344 rat leukemia. National Toxicology Program/Tracor Jitco, Bioassay Pathology Roundtable, **Research Triangle Park, North Carolina**, 1982.
- Stromberg PC: Pathogenesis of leukemia in Fischer 344 rats. **University of Michigan Medical School, Ann Arbor, Michigan**, 1982.
- Stromberg PC: Fischer rat leukemia a model for tumor-induced autoimmunity. **University of Texas Medical School, Houston, TX** 1983.
- Stromberg PC: Pathology of large granular lymphocyte leukemia in F344 rats. Pathology/Toxicology Research Group, **Smith, Kline, French; Philadelphia, Pennsylvania**, 1984.
- Stromberg PC: Pathology of large granular lymphocyte leukemia in F344 rats. Division of Safety Assessment, **Merck, Sharp, Dohme; Philadelphia, Pennsylvania**, 1984.
- Stromberg, PC. Philosophy, Structure and Preparation for the Certification Examination of the American College of Veterinary Pathologists. Dept of Comparative Medicine, **Johns Hopkins University, Baltimore, MD** May, 2005
- Stromberg, PC. The Principles for the Histological Basis of Gross Pathology. Satellite Symposium presented at the **Indian Association of Veterinary Pathologists, Pune, India**, Nov 26, 2005
- Stromberg PC: I. Fundamental Principles of Gross Anatomic Pathology for Veterinary Pathologists. II. The Microscopic Basis for Macroscopic Pathology. III. Descriptive Histopathology. 2006 Annual Conference of the **Australian Society for Veterinary Pathology**; May 19-21. **Launceston, Australia**
- Stromberg PC: Descriptive Gross and Microscopic Veterinary Pathology in Necropsy , Biopsy and Certification Examinations. **Asian Foundation for the Advancement of Veterinary and Animal Science, Gwangju, Korea** Nov 6, 2008
- Stromberg PC: Descriptive Gross and Microscopic Veterinary Pathology in Necropsy, Board Certification Examinations. International Satellite Symposium of the Silver Jubilee Annual Conference of the **Indian Association of Veterinary Pathologists, Barielly, India** Nov 10-12, 2008
- Stromberg PC: "*Listerism and the Sword of Damocles*". **Research Triangle Park Pathology Colloquy**, RTP, NC February 11, 2009
- Stromberg PC: "*Surgical Biopsy: Oracle at Delphi or the Road to D'Alpe D'Huez?*" North Carolina State University, **College of Veterinary Medicine Pathology Club, Raleigh, NC** Feb 12, 2009.

- Stromberg PC. Perception and Analysis in Veterinary Anatomic Pathology. **College of Veterinary Medicine, NCSU, Raleigh, NC** Feb 12, 2009
- Stromberg PC. Fundamental Principles of Surgical Pathology for Clinicians. **College of Veterinary Medicine, NCSU, Raleigh NC**, Feb 13, 2009.
- Stromberg PC. “*Introduction to the Principles and Practice of Veterinary Surgical Pathology*” Keynote Address: 4<sup>th</sup> **Asian Society of Veterinary Pathologists Conference Bangkok, Thailand** Nov 19-20, 2009
- Stromberg PC: Tumors of the Urinary System in Domestic Animals. College of Veterinary Medicine, **Seoul National University, Seoul, Korea** Nov 11, 2009
- Stromberg PC: The Principles and Practice of Veterinary Surgical Pathology for Pathologists Annual Lecture Series of the **New Zealand Comparative Pathology Registry**, Massey University, **Palmerston North, New Zealand** Feb 14, 2010
- Stromberg PC: “*Surgical Biopsy: Oracle at Delphi or the Road to D’Alpe D’Huez?*” University of California, Davis **College of Veterinary Medicine Pathology Club, Davis, CA**, Dec 3, 2009
- Stromberg PC: “*Cognitive Errors in Veterinary Diagnostic Pathology*”. Keynote Address Annual Meeting of the European College of Veterinary Pathologists/European Society of Veterinary Pathology, **Uppsala, Sweden** Sept 8<sup>th</sup>, 2011
- Stromberg PC: “*Principals and Practice of Veterinary Pathology*.” **Faculty of Veterinary Medicine, Utrecht University, Utrecht, Netherlands** Sept 16<sup>th</sup>, 2011.
- Stromberg PC. “*Fundamental Principals of Descriptive Gross Pathology. How to describe and interpret what you see at autopsy*” “*Cognitive Errors in Veterinary Diagnostic Pathology and how to manage the risk*”. “*Diseases of Horses*”. “*Diseases of Dogs*”. “*Diseases of Cats*” **Institut fur Tierpathologie, University of Bern, Bern Switzerland**, August 2012
- Stromberg PC. “*Introduction to Veterinary Surgical Pathology. (How to get the most out of your biopsy)*”. “*Fundamental Principals of Descriptive Gross Pathology. (How to describe and interpret what you see at autopsy)*” “*Cognitive Errors in Veterinary Diagnostic Pathology and how to manage the risk*” **College of Veterinary Medicine, University of Georgia, Athens**, April 5<sup>th</sup>, 2012
- Stromberg PC. “*Introduction to Veterinary Surgical Pathology. (How to get the most out of your biopsy)*” “*Fundamental Principals of Descriptive Gross Pathology. (How to describe and interpret what you see at autopsy)*”. “*Cognitive Errors in Veterinary Diagnostic Pathology and how to manage the risk*”. “*Descriptive Style in Anatomic Pathology (Fitting your style to the purpose of the report)*” College of Veterinary Medicine, **University of Illinois, Champaign, Illinois** Dec 10, 2012.

Stromberg PC. "*Supervising A combined Residency/Graduate Research Training Program*". ACVP Educational Symposium. Annual Meeting of the American College of Veterinary Pathologists, Nov 16<sup>th</sup>, 2013, **Montreal, Canada**.

Stromberg PC. "*The History of Training in Veterinary Pathology*". **Abschiedssymposium für Professor Maja Suter, Bern, Switzerland**, January 2014.

## **CONTRIBUTIONS TO CONTINUING EDUCATION**

Stromberg PC: Diseases of rodents. C.L. Davis DVM Foundation 7th Annual Symposium on Veterinary Pathology, Texas A&M, June 1983.

Stromberg PC: Review of gross and microscopic veterinary pathology. Merck, Sharp, Dohme; Philadelphia, Pennsylvania, 1984.

Stromberg PC: Pathology of large granular lymphocyte leukemia in F344 rats. College of Veterinary Medicine, North Carolina State University, Raleigh, North Carolina, 1984.

Stromberg PC: Review of gross pathology of domestic animals. **Bioresearch Laboratories, LTD, Montreal, Canada**, March 1985.

Stromberg PC: Gross and microscopic veterinary pathology. Bioresearch Laboratories, LTD, Montreal, Canada, August 1985.

Stromberg PC: Review of gross anatomic veterinary pathology. Merck, Sharp, Dohme; Philadelphia, Pennsylvania, 1986.

Stromberg PC: Review of gross and microscopic veterinary pathology. Experimental Pathology Laboratories, Research Triangle Park, North Carolina, 1986.

Stromberg PC: Gross and microscopic pathology of domestic and laboratory animals. Warner-Lambert/Parke Davis Research Institute, Toronto, Ontario, 1986.

Stromberg PC: Review of gross and microscopic veterinary pathology. North Carolina State University, College of Veterinary Medicine, March 1987.

Stromberg PC: Gross pathology for the practicing veterinarian. Hancock County Veterinary Association, Findlay, Ohio, May 1987.

Stromberg PC: Review of gross veterinary pathology. Armed Forces Institute of Pathology, Washington, D.C., June 1987.

Stromberg PC: Diseases of Laboratory Animals. Charles L. Davis Foundation. 17th Annual Review of Gross Morbid Anatomy/Diseases of Animals, Washington, D.C. March 1988.

Stromberg PC: "Comparative Pathology of Retroviral Diseases in Animals and Man."  
"Pathology of Opportunistic Infections in Immunodeficient Animals and Man." Walter Reed Army Institute of Research, Washington, D.C. June 1988.

- Stromberg PC: Gross Pathology of Domestic Animals. Armed Forces Institute of Pathology, Washington, D.C. June 1988.
- Stromberg PC: Practical Pathology in Large Animals. 73rd Annual Convention, Wisconsin Veterinary Medical Association, Green Bay, WI, October 1988.
- Stromberg PC: Postmortem Examination and Pathology in Horses. Wisconsin Equine Practitioners Association, Milwaukee, WI, February 1989.
- Stromberg PC: An Overview of Diagnostic Veterinary Pathology. BioResearch Laboratories, Ltd., Montreal, Canada, February and June 1989.
- Stromberg PC: Review of Gross Veterinary Pathology. Armed Forces Institute of Pathology, Washington, D.C., July 1989.
- Stromberg PC: Diagnostic Interpretation of Postmortem Lesions in Domestic Animals. Veterinary Reference Laboratories, Dallas, TX, July 1989.
- Stromberg PC: Interpretation of Postmortem Lesions from Domestic Animals. Armed Forces Institute of Pathology, Washington, D.C. June 26-29, 1990.
- Stromberg PC: Fundamental Principles of Comparative Anatomic Pathology. **Western College of Veterinary Medicine, Saskatoon, Saskatchewan, Canada.** July 16-20, 1990.
- Stromberg PC: Diseases of Rats and Mice. Charles L. Davis Foundation, AFIP Review of the Gross Morbid Pathology of the Diseases of Animals. Washington D.C., March 27-29, 1991.
- Stromberg PC: Interpretive gross anatomic pathology of domestic animals. Lederle Laboratories, Pearl River, NY May 6-9, 1991.
- Stromberg PC: Review of Anatomic Veterinary Pathology. U.S. Army Medical Research Institute of Infectious Disease, Ft. Detrick, MD. July 17-19, 1991.
- Stromberg PC: Interpretive histopathology of domestic animals. Lederle Laboratories, Pearl River, NY. July 22-24, 1991.
- Stromberg PC: Diseases of Laboratory Animals. C.L. Davis Foundation. 22nd Annual Review of the Gross Morbid Anatomy of the Diseases of Animals. Washington, D.C., March 24-26, 1993.
- Stromberg PC: Macroscopic Pathology. 2nd Annual Descriptive Veterinary Pathology Course. Armed Forces Institute of Pathology, Washington, DC June 1-4, 1993.
- Stromberg PC: How to Get the Most from Your Pathologist. Columbus Veterinary Emergency Service, Monthly Meeting, Columbus, OH. March 16, 1994.

- Stromberg PC: Basic Principles of Histopathology, "Comprehensive Review of Selected Laboratory Animal Medicine Topics." C.L. Davis Foundation, Washington, D.C., August 1995.
- Stromberg PC: Introduction to Gross and Histopathology Interpretation. NIH Laboratory Animal Veterinarian Study Group, NIH/USUHS Washington, D.C. April 16, 1996.
- Stromberg PC: The Mammalian Necropsy. Workshop for 15th Annual Symposium of the National Wildlife Rehabilitators Association. Columbus, OH March 1997
- Stromberg PC: Fundamental Principles of Gross and Microscopic Pathological Evaluation. NIH Laboratory Animal Veterinarian Study Group, NIH/USUHS, Washington, DC, April 1997.
- Stromberg PC: Introduction to Interpretative Pathology. 3rd Annual *Current Laboratory Animal Science Seminar (CLASS)*. Armed Forces Institute of Pathology, Washington, D.C. August, 1997.
- Stromberg PC: Diseases of Rats and Mice. European Division Pathology Symposium. C.L. Davis DVM Foundation. Alderley Edge, **Cheshire, England** October 1997.
- Stromberg PC: Interpretative Laboratory Animal Pathology. 4<sup>th</sup> Annual *Current Laboratory Animal Science Seminar*. Armed Forces Institute of Pathology/American Registry of Pathology. Washington, DC. August 1998.
- Stromberg PC: *Gross Pathology of Ruminants. Gross Morbid Anatomy of Diseases of Animals* C.L. Davis Foundation. Armed Forces Institute of Pathology. Washington DC. March 1999.
- Stromberg PC: *Gross Pathology of Dogs and cats. Gross Morbid Anatomy of Diseases of Animals*. C.L. Davis Foundation. Armed Forces Institute of Pathology. Washington DC. March 1999.
- Stromberg PC: *Review of Gross Pathology of Laboratory Animals*. ACLAM Study Group; NIH/USUHS. Washington DC, May 1999.
- Stromberg PC. Fundamental Principles of Comparative Anatomic Pathology. **Institute für Tierpathologie, University of Bern, Bern, Switzerland**. July 1999.
- Stromberg PC: Introduction to Interpretative Histopathology. 5<sup>th</sup> Annual *Current Laboratory Animal Science Seminar (CLASS)*. Armed Forces Institute of Pathology/American Registry of Pathology, Washington, D.C. August, 1999.
- Stromberg PC: Pathology of Dairy Goat Diseases. Annual Meeting of the American Dairy Goat Association/American Association of Small Ruminant Practitioners. Columbus, OH October 1999

- Stromberg PC: *Gross Pathology of Ruminants. Gross Morbid Anatomy of Diseases of Animals*. C.L. Davis Foundation. Armed Forces Institute of Pathology. Washington DC. March 2000.
- Stromberg PC: Review of Gross Pathology of Laboratory Animals. ACLAM Study Group; NIH/USUHS. Washington DC, May 2000
- Stromberg PC: Pathology and Diseases of Rats and Mice. *Pathology of Laboratory Animals Course*, **Institut für Tierpathologie, University of Bern, Bern, Switzerland**. July 2000
- Stromberg PC: *Gross Pathology of Dogs and Cats Gross Morbid Anatomy of Diseases of Animals*; C.L. Davis Foundation. Armed Forces Institute of Pathology. Washington DC. April 9-13th, 2001.
- Stromberg PC: *Review of Gross Pathology of Laboratory Animals*. ACLAM Study Group; NIH/USUHS. Washington DC, June 1-2, 2001
- Stromberg PC: The Microscopic Basis for Macroscopic Pathology. *10<sup>th</sup> Annual Descriptive Veterinary Pathology*; American Registry of Pathology/AFIP. Armed Forces Institute of Pathology, Washington DC, June 5-8th, 2001
- Stromberg PC: Introduction to Interpretative Histopathology. *6th Annual Current Laboratory Animal Science Seminar (CLASS)*. Armed Forces Institute of Pathology, Washington, D.C. August 5-7, 2001
- Stromberg PC: The Microscopic Basis for Macroscopic Pathology *European Descriptive Veterinary Pathology*; American Registry of Pathology/**Ecole National Veterinaire de Nantes, Nantes, France** August 27-30, 2001
- Stromberg PC: Pathology of Dog and Cats. *Gross Morbid Anatomy of Diseases of Animals*; C.L. Davis Foundation. Armed Forces Institute of Pathology. Washington DC. April, 2002.
- Stromberg PC: The Microscopic Basis for Macroscopic Pathology. *11<sup>th</sup> Annual Descriptive Veterinary Pathology*; American Registry of Pathology/AFIP. Armed Forces Institute of Pathology, Washington DC, June 3-7th, 2002.
- Stromberg PC: Pathology and Diseases of Rabbits, Guinea Pigs, Hamsters and Gerbils. *Annual Meeting of the Swiss Veterinary Pathology Society*. **Institut für Tierpathologie, Universität Bern, Bern, Switzerland** June 21, 2002.
- Stromberg PC: The Microscopic Basis for Macroscopic Pathology. *European Descriptive Veterinary Pathology*; American Registry of Pathology. **University of Edinburgh Edinburgh, Scotland**, August 2002.



- Stromberg PC: Pathology of Horses. *Gross Morbid Anatomy of Diseases of Animals*; C.L. Davis Foundation. **Armed Forces Institute of Pathology**. Washington DC. April, 2003.
- Stromberg PC: The Microscopic Basis for Macroscopic Pathology. *12<sup>th</sup> Annual Descriptive Veterinary Pathology*; American Registry of Pathology/AFIP. **Armed Forces Institute of Pathology**, Washington DC, June 3-7th, 2003.
- Stromberg PC: Interpretative Laboratory Animal Pathology. 7<sup>th</sup> Annual Current Laboratory Animal Science Seminar (CLASS), Washington DC, 3<sup>rd</sup>-4th August 2003
- Stromberg PC: Pathology of Ruminants. *Gross Morbid Anatomy of Diseases of Animals*; C.L. Davis Foundation. **Armed Forces Institute of Pathology**. Washington DC. April, 2004.
- Stromberg PC: The Microscopic Basis for Macroscopic Pathology. *12<sup>th</sup> Annual Descriptive Veterinary Pathology*; American Registry of Pathology/AFIP. **Armed Forces Institute of Pathology**, Washington DC, June 10-14th, 2004.
- Stromberg PC: Pathology of Horses. *Gross Morbid Anatomy of Diseases of Animals*; C.L. Davis Foundation. **Armed Forces Institute of Pathology**. Washington DC. April 11, 2005.
- Stromberg PC: The Microscopic Basis for Macroscopic Pathology. *13<sup>th</sup> Annual Descriptive Veterinary Pathology*; American Registry of Pathology/AFIP. **Armed Forces Institute of Pathology**, Washington DC, June 6-10th, 2005.
- Stromberg PC: Interpretative Laboratory Animal Pathology. 8<sup>th</sup> Annual Current Laboratory Animal Science Seminar (CLASS), Washington DC, August 1-3, 2005
- Stromberg PC: Gross Pathology of Domestic Animals. XXII **Indian Association of Veterinary Pathologists National Symposium**; November 25-27, 2005, **Pune, India**.
- Stromberg PC: Pathology of Ruminants. *Gross Morbid Anatomy of Diseases of Animals*; C.L. Davis Foundation. **Armed Forces Institute of Pathology**. Washington DC. March 20-23rd, 2004.
- Stromberg PC: I. Fundamental principals of Gross Anatomic Pathology for Veterinary Pathologists. II. The Microscopic Basis for Macroscopic Pathology. III. Descriptive Histopathology. 2006 Annual Conference of the **Australian Society for Veterinary Pathology**; May 19-21. **Launceston, Tasmania, Australia**
- Stromberg PC: The Microscopic Basis for Macroscopic Pathology. *14<sup>th</sup> Annual Descriptive Veterinary Pathology*; American Registry of Pathology/AFIP. **Armed Forces Institute of Pathology**, Washington DC, June 5th-9th, 2006.
- Stromberg PC: Pathology of Horses *Gross Morbid Anatomy of Diseases of Animals*; C.L. Davis Foundation. **Armed Forces Institute of Pathology**. Washington DC. March 19-22rd, 2007.

- Stromberg PC. Correlation of Gross and Microscopic Pathology. First Korean Symposium of the C. L. Davis Foundation. May 10-12, 2007. **Seoul, Korea**
- Stromberg PC: Descriptive Gross Pathology and the Microscopic Basis for Macroscopic Pathology. *15<sup>th</sup> Annual Descriptive Veterinary Pathology*; American Registry of Pathology/AFIP. Armed Forces Institute of Pathology, Washington DC, June 4th-7th, 2007.
- Stromberg PC: Descriptive Veterinary Pathology for the Food Animal Practitioner or How to Interpret What You See in Cattle at Autopsy. Annual Food Animal Practitioners Seminar. OARDC, Wooster, Ohio June 8, 2007
- Stromberg PC: Histopathology for the Laboratory Animal Veterinarian. 9th Current Laboratory Animal Science Seminar. American Registry of Pathology. Washington DC, July 30, 2007.
- Stromberg PC: Descriptive Gross Pathology and the Microscopic Basis for Macroscopic Pathology. *European Descriptive Veterinary Pathology*; American Registry of Pathology/AFIP. **University College Dublin, Dublin, Ireland** March 10-14<sup>th</sup>, 2008
- Stromberg PC: Descriptive Gross Pathology and the Microscopic Basis for Macroscopic Pathology. *Descriptive Veterinary Pathology*; American Registry of Pathology/AFIP. Armed Forces Institute of Pathology. Washington DC, June 2-6<sup>th</sup>, 2008
- Stromberg PC: Pathology of Ruminants. *Gross Morbid Anatomy of Diseases of Animals*; C.L. Davis Foundation. Armed Forces Institute of Pathology. Washington DC. March 24, 2008
- Stromberg PC: Histopathology for the Laboratory Animal Veterinarian. 10<sup>th</sup> Annual Current Laboratory Animal Science Seminar (CLASS/POLA), Washington DC, August 4, 2008.
- Stromberg PC: “*Help the Pathologist help you and your patients*”. 32nd Royal Canin Symposium in Small Animal Medicine. Columbus, OH Oct 3<sup>rd</sup>, 2008
- Stromberg PC: “*How to get the most out of your biopsy*”. Small Animal Continuing Education Series, College of Veterinary Medicine, Ohio State University, Columbus, OH December 16<sup>th</sup>, 2008
- Stromberg PC: Principles of Surgical Pathology for Clinicians. Midwest Veterinary Conference, Columbus, OH February 19<sup>th</sup>, 2009
- Stromberg PC: Descriptive Gross Pathology and the Microscopic Basis for Macroscopic Pathology. *8<sup>th</sup> European Descriptive Veterinary Pathology*; American Registry of

Pathology/AFIP. **Facultat de Veterinaria Universitate Autonoma de Barcelona, Barcelona, Spain** May 18-22, 2009

Stromberg PC: Descriptive Gross Pathology and the Microscopic Basis for Macroscopic Pathology. 18<sup>th</sup> Descriptive Veterinary Pathology; American Registry of Pathology/AFIP. Armed Forces Institute of Pathology. Wyndham Virginia Beach Oceanfront Hotel, Virginia Beach, Virginia June 1-5, 2009

Stromberg PC: Histopathology for the Laboratory Animal Veterinarian. 11<sup>th</sup> Annual Current Laboratory Animal Science Seminar (CLASS/POLA), Washington DC, August 3, 2009.

Stromberg PC: Principles and Practice of Surgical Biopsy for Practitioners. Cleveland Academy of Veterinary Medicine Lecture Series, Cleveland Metro Parks, Zoo, October 14, 2009

Stromberg PC: Principles and Practice of Veterinary Surgical Pathology for Practitioners. *Diagnostic Cytology for Practitioners*. 3<sup>rd</sup> C.L. Davis Korean Division Symposium **Gwangju, Korea**, Nov 15-18, 2009

Stromberg PC: The Principles and Practice of Veterinary Surgical Pathology for Pathologists Pre-Conference Symposium, 44<sup>th</sup> Annual Meeting of the American College of Veterinary Pathologists. Monterey, CA December 5, 2009

Stromberg PC: Principles and Practice of Surgical Biopsy for the Practitioner. **Auckland Veterinary Medical Association, Auckland, New Zealand**, Feb 18, 2010

Stromberg PC. International Descriptive Veterinary Pathology Course. **Indian College of Veterinary Pathology, Hyderabad, India** April 1-6, 2010

Stromberg PC: Descriptive Gross Pathology and the Microscopic Basis for Macroscopic Pathology. 19<sup>th</sup> Descriptive Veterinary Pathology; **American Registry of Pathology/AFIP. Armed Forces Institute of Pathology**. Sheraton Virginia Beach Oceanfront Hotel, Virginia Beach, Virginia June 10-14, 2010

Stromberg PC: Histopathology for the Laboratory Animal Veterinarian. 11th Current Laboratory Animal Science Seminar. American Registry of Pathology. Sheraton Virginia Beach Hotel, Virginia, June 14-16, 2010

Stromberg PC: Introduction to Descriptive Veterinary Pathology. 20<sup>th</sup> Descriptive Veterinary Pathology; American Registry of Pathology/AFIP. **Cornell University**, Ithaca, NY, May 23-27<sup>th</sup>, 2011

Stromberg PC: Histopathology for the Laboratory Animal Veterinarian. 12th Current Laboratory Animal Science Seminar.(CLASS/POLA). **American Registry of Pathology**. Sheraton Virginia Beach Hotel, Virginia, June 6, 2011

Stromberg PC: Introduction to Descriptive Veterinary Pathology. European Descriptive Veterinary Pathology; American Registry of Pathology/AFIP. **University College Dublin, Dublin, Ireland**, June 20-24<sup>th</sup>, 2011

Stromberg PC: The Principles and Practice of Veterinary Surgical Pathology for Pathologists Pre-Conference Symposium, Annual Meeting of the European College of Veterinary Pathologists/European Society of Veterinary Pathology, **Uppsala, Sweden** Sept 6<sup>th</sup>, 2011

Stromberg PC: Moderator of the AFIP Wednesday Slide Conference. Department of Veterinary Pathology, Joint Pathology Center, US Army Forest Glen Facility, **Walter Reed Army Medical Center**, Washington DC. October 19<sup>th</sup>, 2011

Stromberg PC: Introduction to Descriptive Veterinary Pathology. 21<sup>th</sup> Descriptive Veterinary Pathology; American Registry of Pathology/AFIP. **Louisiana State University**, Baton Rouge, June 2012.

Stromberg PC: Diseases of Rabbits, Guinea Pgs, Hamsters and Gerbils: **ECVP European Summer College Program, Dublin, Ireland** July 2012.

Stromberg PC. “*Fundamental principals of gross anatomic pathology*” “*The microscopic basis for macroscopic pathology*” 1<sup>st</sup> Latin American Descriptive Veterinary Pathology Course, **University of Sao Paulo, Sao Paulo, Brazil**; Nov 5<sup>th</sup>-10<sup>th</sup>, 2012

Stromberg PC. “The Principles and Practice of Veterinary Surgical Pathology”. “Surgical Pathology of the Canine Spleen”. Wednesday Slide Conference, Joint Pathology Center, Forest Glen Annex, **Walter Reed Army Medical Center**, Washington DC, March 19-20<sup>th</sup>, 2013.

Stromberg PC: Introduction to Descriptive Veterinary Pathology. 22<sup>th</sup> Descriptive Veterinary Pathology; American Registry of Pathology/AFIP. Auburn University, Auburn, Alabama, June 2013.

Stromberg PC: Introduction to Descriptive Veterinary Pathology. 23rd Descriptive Veterinary Pathology; American Registry of Pathology/AFIP. **University of Illinois**, College of Veterinary Medicine, June 2014.

Stromberg PC: Surgical Pathology for the Practitioner. NE Ohio Equine Practitioners Association, Twinsburg, OH March 25, 2015.

Stromberg PC: Descriptive Gross Veterinary Pathology. Correlation Between Macroscopic and Microscopic Anatomic Pathology. 24<sup>th</sup> Descriptive Veterinary Pathology. CL Davis DVM Foundation, **Western College of Veterinary Medicine, Saskatoon, Saskatchewan, Canada**. June 2015

Stromberg PC: Introduction to Descriptive Veterinary Pathology. How to interpret what you see. Correlation Between Macroscopic and Microscopic Anatomic Pathology. Cognitive Errors in Diagnostic Veterinary Pathology. **Australian Society of Veterinary Pathology**, 1<sup>st</sup> Descriptive Veterinary Pathology Symposium, University of Brisbane, Brisbane, Australia, February 2016

Stromberg, PC. Gastrointestinal Biopsy. **Central Ohio Veterinary Medical Association**. Columbus, OH March 30<sup>th</sup>, 2016.

Stromberg PC: Introduction to Descriptive Veterinary Pathology. How to interpret what you see. Correlation Between Macroscopic and Microscopic Anatomic Pathology. Cognitive Errors in Diagnostic Veterinary Pathology. 25<sup>th</sup> Annual Descriptive Veterinary Pathology, **Auburn University**, Auburn, AL June 24<sup>th</sup> 2016

Stromberg PC: Introduction to Descriptive Veterinary Pathology. How to interpret what you see. Correlation Between Macroscopic and Microscopic Anatomic Pathology. Cognitive Errors in Diagnostic Veterinary Pathology. European Descriptive Veterinary Pathology, Symposium, **Royal Veterinary College**, London, UK. August 1, 2016

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