

Elise Eva Bella LaDouceur, DVM, Diplomate ACVP

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EDUCATION

Veterinary Anatomic Pathology Residency, August 2012 - July 2015

UC Davis School of Veterinary Medicine, Davis, CA

Doctorate of Veterinary Medicine, May 2012

Tufts Cummings School of Veterinary Medicine, North Grafton, MA

Bachelor of Science, Biology and Environmental Sciences, May 2006

Boston College, Chestnut Hill, MA

PROFESSIONAL EXPERIENCE

2016-present **Associate Pathologist**, Northwest ZooPath, Monroe, WA

2017-present **Chief, Extramural Projects and Research**, Joint Pathology Center, Department of Defense, Silver Spring, MD

2016-2019 **Contract Pathologist**, SeaWorld and Animal Reference Pathology

2017-2019 **Research Associate**, Smithsonian Institution, Washington, D.C.

2015-2016 **Clinical Instructor**, Department of Pathology, Microbiology, and Immunology, UC Davis School of Veterinary Medicine, Davis, CA

2009-11 **Wildlife Staff**, Tufts Wildlife Clinic, Tufts Cummings School of Veterinary Medicine, North Grafton, MA

2009-10 **Microbiology Staff**, Tufts Veterinary Microbiology Laboratory, Tufts Cummings School of Veterinary Medicine, North Grafton, MA

2007-08 **Veterinary Technician**, Jacksonville Veterinary Hospital, Jacksonville, MD

2006-07 **Head Animal Caregiver**, Pacific Primate Sanctuary, Haiku, HI

JOURNAL PUBLICATIONS

LaDouceur EEB, St. Leger J, Mena A, Mackenzie A, Gregg J, Purcell M, Batts W, Hershberger P. *Ichthyophonus* sp. infection in opaleye (*Girella nigricans*). *Veterinary Pathology*. *Published online* February 2020.

Finnegan D, Cartoceti A, Hauck A, **LaDouceur EEB**. Meningeal granular cell tumor in a green tree python (*Morelia viridis*) with a review of granular cell tumors in non-mammalian species. *Journal of Comparative Pathology*. 2020;174:54-57.

Brown J, Murphy BG, Clapp KS, **LaDouceur EEB**. Clinical, imaging, surgical, and pathology findings in horses with hypercementosis involving cheek teeth. *Journal of Veterinary Dentistry*. *Accepted* February 2020.

LaDouceur EEB, Hauck AM, Garner MM, Cartoceti AN, Murphy BG. Odontomas in frogs. *Veterinary Pathology*. 2019;57(1):147-150.

LaDouceur EEB, Cartoceti AN, St. Leger J, Holder K, Yanong RP, Kim R. Endocardiosis in tetras (family: Characiformes). *Journal of Comparative Pathology*. 2019;171:19-23.

LaDouceur EEB, Mangus L, Garner MM, Cartoceti AN. Histologic Findings in Captive American Horseshoe Crabs (*Limulus polyphemus*). *Veterinary Pathology*. 2019;56(6):932-939.

Cook, S., D. Bradway, S. Gardhouse, **LaDouceur EEB**. *Metarhizium* (formerly *Chamaeleomyces*) granulomatis in a veiled chameleon (*Chamaeleo calyptrotus*). *Journal of the American Veterinary Medical Association*. 2019;255(6):673-676.

- Ter Beest JM, **LaDouceur EEB**, Juan-Salles C, Garner MM, Howerth EW, Wellehan JF, Childress AL, Graves GE, Gyimesi ZS. *Encephalitozoon cuniculi* in a black-footed ferret (*Mustela nigripes*) kit. *Journal of Zoo and Wildlife Medicine*. 2019;50(2):487-491.
- Reimnitz L, D. S. Guzman, **LaDouceur EEB**, S. Stevens, N. Summa, S. Gardhouse, A. Kol, K. Brust, M. g. Hawkins. Peripheral nerve sheath tumor in the pelvic limb of a domestic rabbit (*Oryctolagus cuniculus*). *Journal of Exotic Pet Medicine*. 2019;28:137-142.
- McCann R, Cole GA, **LaDouceur EEB**, McAloose D, Sykes J, Dennison-Gibby S, D'Agostino J. Mycotic pneumonia in a southern pudu (*Pudu puda*). *Journal of Zoo and Wildlife Medicine*. Submitted July 2019.
- Caswell JL, Bassel LL, Rothenburger JL, Gröne A, Sargeant JM, Beck AP, Ekman S, Gibson-Corley KN, Kuiken T, **LaDouceur EEB**, Meyerholz DK, Origgi FC, Posthaus H, Priestnall SL, Ressel L, Sharkey L, Teixeira LBC, Uchida K, Ward JM, Webster JD, Yamate J. Observational Study Design in Veterinary Pathology, Part 2: Methodology. *Vet Pathol*. 2018;55(6):774-785.
- Caswell JL, Bassel LL, Rothenburger J, Gröne A, Sargeant JM, Beck AP, Ekman S, Gibson-Corley KN, Kuiken T, **LaDouceur EEB**, Meyerholz DK, Origgi FC, Posthaus H, Priestnall SL, Ressel L, Sharkey L, Teixeira LBC, Kazuyuki Uchida, Ward JM, Webster JD, Yamate J. Observational Study Design in Veterinary Pathology, Part 1: Study Design. *Veterinary Pathology*. 2018;55(6):607–621.
- Brenner, E. E., **LaDouceur EEB**, M. M. Garner, C. R. Sanchez. Disseminated osseous metaplasia of the ventral scales of a gray-banded kingsnake (*Lampropeltis alterna*). *Journal of Zoo and Wildlife Medicine*. 2018; 49(4):1021-1024.
- Eskew, E. A., B. C. Shock, **LaDouceur EEB**, M. K. Keel, M. R. Miller, J. E. Foley, B. D. Todd. Gene expression differs in susceptible and resistant amphibian hosts exposed to the fungal pathogen *Batrachochytrium dendrobatidis*. *Royal Society Open Science*. 2018;5(2):170910.
- Skorupski K. A., C. N. Alarcon CN, L. P. de Lorimier, **LaDouceur EEB**, C. O. Rodriguez, R. B. Rebhun. Pathology, outcome, and prognostic factors in dogs with early stage anal sac carcinoma treated with surgery alone. *Journal of the American Veterinary Medical Association*. 2018;253(1): 84-91.
- LaDouceur EEB** and B. G. Murphy. Microsporidiosis in peppermint shrimp (*Lysmata* spp). *Journal of Zoo and Wildlife Medicine*. 2017;48(4):1223-1229.
- Murphy, B., A. Michel, **LaDouceur EEB**, C. Bell, M. Lin, D. M. Imai. Ameloblastoma of the jaws in three species of rodents – a domestic brown rat (*Rattus norvegicus*), Syrian hamster (*Mesocricetus auratus*), and Amargosa vole (*Microtus californicus scirpensis*). *Journal of Comparative Pathology*. 2017;157(2-3):145-149.
- LaDouceur EEB**, S. Stevens, J. Wood, C. M. Reilly. Immunoreactivity of canine liposarcoma to muscle and brown adipose markers. *Veterinary Pathology*. 2017;54(6): 885-891.
- Smith, K, A. R. Strom, M. A. Gilmour, **LaDouceur EEB**, C. M. Reilly, B. A. Byrne, V. K. Affolter, J. E. Sykes, D. J. Maggs. Utility of antigen testing for the diagnosis of ocular histoplasmosis in 4 cats: A case series and literature review. *Journal of Feline Medicine and Surgery*. 2017;19(10):1110-1118.
- Eid, R., D. S. Guzman, K. A. Keller, K. T. Wiggans, C. J. Murphy, **LaDouceur EEB**, M. K. Keel, C. M. Murphy. Choroidal vasculopathy and retinal detachment in a bald eagle (*Haliaeetus leucocephalus*) with lead toxicity. *Journal of Avian Medicine and Surgery*. 2016;30:357-363.
- LaDouceur EEB**, J. Wynne, M. M. Garner, A. Nyaoke, M. K. Keel. Lesions of copper toxicosis in captive marine invertebrates with comparisons to normal histology. *Veterinary Pathology*. 2016;53:648-658.

LaDouceur EEB, A. O. Michel, B. J. Lindl Bylicki, F. F. Cifuentes, B. G. Murphy. Nasal sinus masses resembling chondro-osseous respiratory epithelial adenomatoid hamartomas in 3 dogs. *Veterinary Pathology*. 2016;53:621-624.

Scott, C. J., B. W. Christensen, J. E. Dechant, P. Espinosa, **E. E. B LaDouceur**. Theriogenology question of the month: multiple genital tumors in a 20-year-old Lusitano stallion. *Journal of the American Veterinary Medical Association*. 2015;247(10):1105-1108.

Wynne, J., **LaDouceur EEB**, H. Ryan. Clinical copper toxicosis in a large mixed group of marine invertebrates. *Journal of Zoo and Wildlife Medicine*. 2015;46(3):601-604.

LaDouceur EEB, R. Kagan, M. Scanlan, T. Viner. Chronically embedded lead projectiles in wildlife: a case series investigating the potential for lead toxicosis. *Journal of Zoo and Wildlife Medicine*. 2015; 46(2):438-442.

LaDouceur EEB, M. Anderson, B. W. Ritchie, P. Ciembor, G. Rimoldi, M. Piazza, D. Pesti, D. Clifford, F. Giannitti. Aleutian Disease: an emerging disease in free-ranging striped skunks (*Mephitis mephitis*) from California. *Veterinary Pathology*. 2015;52(6):1250-1253.

Higgins S. B., D. Sanchez-Migallon Guzman, M. J. Sadar, A. Burton, **LaDouceur EEB**, D. Bucy, C. O. Rodriguez, C. Harvey, G. Hunt. Coxofemoral amputation in a domestic rabbit (*Oryctolagus cuniculus*) with tibio-fibular osteoblastic osteosarcoma. *Journal of Exotic Pet Medicine*. 2015;24(4):455-463.

LaDouceur EEB, K. S. Walker, F. C. Mohr, B. Murphy. Odontogenic keratocyst in a cat. *Journal of Comparative Pathology*. 2014; 151(2-3):212-216.

LaDouceur EEB, M. M. Garner, B. Davis, F. Tseng. A retrospective study on end-stage renal disease in polar bears (*Ursus maritimus*). *Journal of Zoo and Wildlife Medicine*. 2014;45(1) 69-77.

LaDouceur EEB, M. M. Garner, J. Wynne, S. Fish, L. Adams. Ulcerative umbrellar lesions in captive moon jelly (*Aurelia aurita*) medusae. *Veterinary Pathology*. 2013;50(3) 434-42.

LaDouceur EEB, J. Ernst, M. K. Keel. Unilateral ocular choristomas (dermoids) in a white-tailed deer (*Odocoileus virginianus*). *Journal of Wildlife Diseases*. 2012;48(3): 826-8.

BOOK CHAPTERS

LaDouceur EEB. Neoplasia in Reptiles. *In: MM Garner and Jacobson ER, eds. Infectious Disease and Pathology of Reptiles. Vol. 2. 2nd Ed. CRC Press. In press 2020.*

PRESENTATIONS

Scott K, Garner MM, Murphy BG, **LaDouceur EEB**. Oral pathology in non-domestic felids. CL Davis Northeastern Veterinary Pathology Conference. Silver Spring, MD. Oral presentation April 4-5, 2020.

Schwarten C, Brown J, Murphy BG, **LaDouceur EEB**. Hypercementosis in an equine cheek tooth. CL Davis Northeastern Veterinary Pathology Conference. Silver Spring, MD. Oral presentation April 4-5, 2020.

Fiddes K, Murphy BG, **LaDouceur EEB**. Histologic-cytologic correlates of canine acanthomatous ameloblastoma. CL Davis Northeastern Veterinary Pathology Conference. Silver Spring, MD. Oral presentation April 4-5, 2020.

Cartoceti AN, Murphy BG, **LaDouceur EEB**. Osteomalacia in tenrecs. CL Davis Northeastern Veterinary Pathology Conference. Silver Spring, MD. Oral presentation April 4-5, 2020.

Henschen B, Lewin-Smith M, Mouser P, Jenkins HM, Strausborger S, **LaDouceur EEB**. Review of methods to diagnose pseudogout. CL Davis Northeastern Veterinary Pathology Conference. Silver Spring, MD. Oral presentation April 4-5, 2020.

LaDouceur EEB, Adams L. Trichodinid infection in green anemones (*Anthopleura xanthogrammica*). Eastern Fish Health Workshop. Shepherdstown, WV. Oral presentation March 23-27, 2020.

Gerlach JL, Stevens BN, Adams LN, Garner MM, **LaDouceur EEB**. Primary Hepatic Neoplasia in Two Adult Captive Bamboo Sharks (*Chiloscyllium plagiosum* and *Chiloscyllium punctatum*). IAAAM Annual Meeting. Tampa, FL. May 16-20, 2020.

Mena AJ, St. Leger J, Mackenzie A, Gregg J, Purcell M, Batts W, Hershberger P, **LaDouceur EEB**. *Ichthyophonus* sp. infection in Opaleye (*Girella nigricans*). IAAAM Annual Meeting. Tampa, FL. May 16-20, 2020.

LaDouceur EEB, St. Leger J, Mena A, Mackenzie A, Gregg J, Purcell M, Batts W, Hershberger P. Histology and gross lesions of *Ichthyophonus* sp. infection in opaleye (*Girella nigricans*). ACVP Annual Meeting. St. Louis, MO. Oral presentation November 9-13, 2019.

LaDouceur EEB. Nucleopolyhedrosis virus and cypovirus infection in European gypsy moths (*Lymantria dispar dispar*). ACVP Annual Meeting. St. Louis, MO. Oral presentation November 9-13, 2019.

Cudd S, St. Leger J, **LaDouceur EEB**. Epizootic of neoplasia in cichlids. ACVP Annual Meeting. St. Louis, MO. Poster presentation November 9-13, 2019.

Finnegan D, Cartoceti AN, **LaDouceur EEB**. Granular cell tumor. ACVP Annual Meeting. St. Louis, MO. Poster presentation November 9-13, 2019.

Henschen B, Lewin-Smith M, Mouser P, Jenkins HM, Strausborger S, **LaDouceur EEB**. Pseudogout in a dog. ACVP Annual Meeting. St. Louis, MO. Poster presentation November 9-13, 2019.

LaDouceur EEB. A Primer in Invertebrate Pathology (keynote). AAZV Zoo and Wildlife Pathology Workshop. San Antonio, TX. Oral presentation. September 29, 2019.

Young S and **LaDouceur EEB**. Cutaneous ulceration in gumboot chiton (*Cryptochiton stelleri*). AAZV Zoo and Wildlife Pathology Workshop. San Antonio, TX. Oral presentation. September 29, 2019.

Murray M and **LaDouceur EEB**. Wasting in eccentric sand dollars (*Dendraster excentricus*). AAZV Zoo and Wildlife Pathology Workshop. San Antonio, TX. Oral presentation. September 29, 2019.

Troan BV, Schreeg M, **LaDouceur EEB**, Gaudette C. Fungal and bacterial sepsis in a Brazilian red and white tarantula (*Nhandu chromatus*). AAZV Zoo and Wildlife Pathology Workshop. San Antonio, TX. Oral presentation. September 29, 2019.

LaDouceur EEB, Rotter K, Stevens B. Ciliate-associated ulcerative dermatitis and bleaching in *Montipora capricornis*. Northeastern Veterinary Pathology Conference. Gaithersburg, MD. April 6-7, 2019.

Hainline R, Luff J, Mullins M, **LaDouceur EEB**. Canine cutaneous viral papilloma with malignant transformation associated with canine papillomavirus 1. Northeastern veterinary pathology conference (oral presentation). Gaithersburg, MD. April 6, 2019.

LaDouceur EEB. Mangus, M. M. Garner, A. N. Cartoceti. Histologic lesions in captive American horseshoe crabs (*Limulus polyphemus*). ACVP Annual Meeting. Washington, D. C. Poster presentation November 3-7, 2018.

Kim, R., A. N. Cartoceti, J. St. Leger, R. P. Yanong, K. Holder, **LaDouceur EEB**. Endocardiosis in tetras (family: Characidae). ACVP Annual Meeting. Washington, D. C. Oral presentation November 3-7, 2018.

Corbin, E., M. M. Garner, **LaDouceur EEB**. Ciliate infection associated with cutaneous ulceration in sea pens (order: Pennatulacea). ACVP Annual Meeting. Washington, D. C. Poster presentation November 3-7, 2018.

Miller, S., **LaDouceur EEB**, M. M. Garner, S. Rivera. Hyperviscosity-Like Syndrome in Four Eastern Indigo snakes (*Drymarchon corais couperi*). ExoticsCon. Atlanta, GA. Oral presentation September 22, 2018

Wynne, J. E., M. M. Garner. **LaDouceur EEB**, M. Olhasso. Solar dermatitis in swell sharks (*Cephaloscyllium ventriosum*). International Association for Aquatic Animal Medicine Conference. Long Beach, CA. Oral presentation May 21, 2018.

Siniard, W., L. Mangus, L. Clayton, J. Arnold, **LaDouceur EEB**. *Fusarium* spp. branchitis and dermatitis in an American horseshoe crab (*Limulus polyphemus*). International Association for Aquatic Animal Medicine Conference. CL Davis Marine Histopathology Workshop. Long Beach, CA. Oral presentation May 19, 2018.

LaDouceur EEB. A review of hepatopancreatic lesions in horseshoe crabs (*Limulus polyphemus*). CL Davis Northeast Veterinary Pathology Conference. Gaithersburg, MD. Oral presentation April 8, 2018.

LaDouceur EEB and M. M. Garner. Hyperviscosity-like syndrome in reptiles. AAZV Conference. Dallas, TX. September 27, 2017.

LaDouceur EEB, M. M. Garner, and G. Cole. *Curvularia* sp. causing meningoencephalitis in a Southern pudu. AAZV Zoo and Wildlife Pathology Workshop. Dallas, TX. Oral presentation September 24, 2017.

Burrell, C., S. Stevens, and **LaDouceur EEB**. *Chamaeleomyces granulomatis* in a veiled chameleon. AAZV Zoo and Wildlife Pathology Workshop. Dallas, TX. Oral presentation September 24, 2017.

LaDouceur EEB and K. Suedmeyer. Normal histology and bacterial coelomitis of the giant African millipede (*Archispirostreptus gigas*). CL Davis Northeast Veterinary Pathology Conference. Gaithersburg, MD. Oral presentation April 1, 2017.

Burrell, C., T. Walsh, L. Wright, M. M. Garner, **LaDouceur EEB**. Chytridiomycosis in a green and black poison dart frog (*Dendrobates auratus*). CL Davis Northeast Veterinary Pathology Conference. Gaithersburg, MD. Oral presentation April 1, 2017.

Stevens, S., **LaDouceur EEB**, J. Wood, C. M. Reilly. Immunohistochemical profile of canine liposarcoma. ACVP Annual Meeting. New Orleans, LA. Poster presentation December 3-6, 2016.

Stevens, S. and **LaDouceur EEB**. *Eimeria* spp. infection in domestic goats. West Coast Veterinary Pathology Conference. Davis, CA. Oral presentation May 6, 2016.

Calloway, T. and **LaDouceur EEB**. Pulmonary involvement in *Mesocestoides* spp. infection in dogs. West Coast Veterinary Pathology Conference. Davis, CA. Oral presentation May 6, 2016.

LaDouceur EEB. Marine invertebrate histopathology. Pathology, Microbiology, and Immunology Departmental Seminar, UC Davis, Davis, CA. Oral presentation July 2, 2015.

LaDouceur EEB. Chondro-osseous respiratory epithelial adenomatoid hamartomas in dogs. West Coast Veterinary Pathology Conference. Davis, CA. Oral presentation May 1, 2015.

Newton, A. L., M. M. Garner, **LaDouceur EEB**, S. Frasca Jr., R. M. Smolowitz, S. Knowles, T. M. Work, M. F. Stidworthy. Current pathology findings in the Pacific coast sea star wasting disease mortality event. Annual Eastern Fish Health Workshop. Mt. Pleasant, SC. Oral presentation March 2-6, 2015.

LaDouceur EEB, J. Wynne, M. M. Garner, S. Fish, A. Nyaoke, M. K. Keel. Pathologic findings of marine invertebrates with copper toxicosis. ACVP and ASVCP Annual Meeting. Atlanta, GA. Poster presentation November 8-12, 2014.

LaDouceur EEB, A. L. Newton, M. M. Garner, S. Knowles, S. Frasca Jr., R. Smolowitz, T. M. Work, M. Stidworthy, J. Wynne. Sea star wasting syndrome: cytological and histological findings. AAZV Zoo and Wildlife Pathology Workshop. Orlando, FL. Oral presentation October 19, 2014.

Newton, A. L., I. Hewson, C. D. Harvell, C. Burge, M. M. Garner, **LaDouceur EEB**, S. Knowles, S. Frasca Jr., R. Smolowitz, T. M. Work, B. Miner, M. Miner, P Raimondi, L. Lahner, M. Haulena, M. Murray, J. K. Gaydos, J. Wynne. The Pacific coast sea star mortality event: current status of the ongoing investigation. Wildlife Disease Association Conference. Albuquerque, NM. Oral presentation July 27- August 1, 2014.

Lahner, L. L., M. Haulena, M. Murray, J. K. Gaydos, I. Hewson, M. M. Garner, A. L. Newton, **LaDouceur EEB**, J. Christiansen, J. Hollander, S. Knowles. Multidisciplinary investigation of widespread Pacific sea star wasting syndrome – Part II: bacterial and viral genomics, electron microscopy, and toxicology. International Association for Aquatic Animal Medicine Conference. Gold Coast, Australia. Oral presentation May 17-22, 2014.

Lee B. and **LaDouceur EEB**. Pulmonary artery leiomyosarcoma in a dog with patent ductus arteriosus. CL Davis West Coast Veterinary Pathology Conference. Davis, CA. Oral presentation May 2, 2014.

LaDouceur EEB and Wynne J. Gross and histological lesions of sea star wasting disease in a knobby sea star (*Pisaster giganteus*). CL Davis West Coast Veterinary Pathology Conference. Davis, CA. Oral presentation May 2, 2014.

LaDouceur EEB. End-stage renal disease in polar bears (*Ursus maritimus*). AAZV Conference. Salt Lake City, UT. Oral presentation October 1, 2013.

LaDouceur EEB. Ulcerative umbrellar lesions in captive moon jelly (*Aurelia aurita*) Medusae. AAZV Zoo and Wildlife Pathology Workshop. Oakland, CA. Oral presentation October 21, 2012.

LaDouceur EEB. Glomerulonephritis and end-stage renal disease in a captive polar bear (*Ursus maritimus*). Northeastern Veterinary Pathology Conference. North Grafton, MA. Oral presentation October 1, 2011.

TEACHING EXPERIENCE

Joint Pathology Center, Silver Spring, MD
Zoo and Wildlife Gross Pathology Course, 2019

Joint Pathology Center, Silver Spring, MD
Avian Histology, 2018, 2020

Joint Pathology Center, Silver Spring, MD
Fish Histology, 2018

Johns Hopkins University Veterinary Pathology Residency, Baltimore, MD
Resident Training Seminar, Zoo and Wildlife Pathology, 2019
Resident Training Seminar, Fish Pathology, 2017
Departmental Seminar, Fish Anatomy and Pathology, 2017

Washington State University School of Veterinary Medicine, Pullman, WA
Pathology Seminar, Sea Star Wasting Disease, 2016

UPenn School of Veterinary Medicine, Philadelphia, PA
Resident Training Seminar, Zoo and Wildlife Pathology, 2016

UC Davis School of Veterinary Medicine, Davis, CA
Fish Pathology Rounds Co-Director, 2015-2016

UC Davis School of Veterinary Medicine, Davis, CA
Vet 405 Gastrointestinal/metabolism Laboratory Faculty, 2015-2016

UC Davis School of Veterinary Medicine, Davis, CA
Vet 432 Comparative Stream Faculty, 2013-2016

UC Davis School of Veterinary Medicine, Davis, CA
Vet 401 Basic Histology Laboratory Teaching Assistant, 2012-2014

Tufts Cummings School of Veterinary Medicine, North Grafton, MA
Avian Anatomy Elective Teaching Assistant, 2010-2011

Ross University School of Veterinary Medicine, St. Kitts, West Indies
Veterinary Anatomy I and II Teaching Assistant and Tutor, 2009
Veterinary Parasitology Teaching Assistant, 2009

AWARDS/GRANTS

UC Davis Center for Companion Animal Health Grant 2016

CL Davis Foundation Student Scholarship Award 2015

Linda Munson Memorial Senior Residency Award 2014

UC Davis Wildlife Health Center Fellowship Grant 2013

Elaine Arthur Wildlife Award 2012

Tufts Veterinary Pathology Award 2012