

Achariya Sailasuta



Position : Associate Professor

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Education

D.V.M. (Hons), Chulalongkorn University (1980)
F.R.V.C.S. (Vet. Pathology), Uppsala, Sweden (1984)
Cert. in Vet. Path. Miyazaki U., Japan (1987)
Ph.D. (Agriculture - Vet Pathology), Kagoshima U., Japan (1991)
Dip. in ACCM , Asian College of Conservation Medicine (2012)

Training and teaching experiences:

October, 1996 Training on PCR Technique using formalin fixed tissue, Miyazaki U. Japan
June, 1997 Training in IV International Workshop on the Diagnosis of Transmissible Spongiform Encephalopathies (TSE), Weybridge, U.K
October, 2005 Visiting professor in Department of Pathobiology and Investigation, Diagnostic Center for Population and Animal Health , Michigan State University, Michigan, USA
April 2012- March 2015 Visiting scholar, Center of Animal Disease Control, Miyazaki University, Miyazaki, Japan.
May 2014 Visiting lecturer in Faculty of Veterinary Medicine, Royal University of Agriculture, Cambodia.

Language ability : English, Japanese

Membership in professional

Organizations:

The Veterinary Council of Thailand
The Thai Veterinary Medical Association under the royal patronage (TVMA)
The Thai Association of Veterinary Laboratory Diagnosticians (TAVLD)
The Veterinary Practitioner Association of Thailand (VPAT)

The Veterinary Pathology Society of Thailand
Federation of Asian Veterinary Associations (FAVA)
World Veterinary Association (WVA)

Honor & distinctions:

Outstanding Veterinarian Award (1999)
Outstanding Alumni of Faculty of Veterinary Science, Chulalongkorn University (2004)
Distinguished Professor Award from AFAVAS foundation (2008)
Distinguished Professor Award from Chulalongkorn University (2010)
Founder of Asian College of Conservation Medicine (2012)
President of Thai Veterinary Medical Association under royal patronage (2010-2012)
Secretary General of Federation of Asian Veterinary Association (FAVA) (2008- present)
WVA councilor for East Asia and Oceania (2011- present)

Research interests : Molecular Oncology, Cancer Stem Cell, Diagnostic cytology, cytochemistry, Immunohistochemistry, histoenzymatic technique, Aquatic pathology and Clinical Pathology.

Publications and Presentations: (2010-2013)

1. Jintapatanakit A., Peungvicha P., **Sailasuta A.**, Kissel T., and BuraphacheepJunyaprasert, V. 2010. Nasal Absorption and local tissue reaction of insulin nanocomplexes of Trimethyl Chitosan derivatives in rats. *Journal of Pharmacology and Pharmacology*. 62:583-591.
2. Techagnamsuwan S., Ngamkala S., **Sailasuta A.**, Rungsipipat A., and Yamaguchi R., 2010. Negative search of Acute Canine Distemper Virus infection in Dog SLAM transgenic C 57BL/6 Mice. *Songklanakarin J. Sci. Technol.* 32(6):537-546.
3. Chansue N., **Sailasuta A.**, Tantrongpiroj J., Wangnaitam S., Asswawongkasem N. 2011. Hematology and Clinical Chemistry of adult Yellow-headed Temple Turtle (*Hieremys annandalii*) in Thailand. *Veterinary Clinical Pathology*. 40(2):174-184.
4. **Sailasuta A.**, Satetasit J., Chutmonkonkul M. 2011 Pathological study on Blood parasites in Rice Field Frogs, *Hoplobatrachus rugulosus* (Wiegman, 1834). *Veterinary Medicine International*. Article ID 850568, 5 pages, doi:10.4061/2011/850568
5. Kamstock DA, Ehrhart EJ, Getzy DM, Bacon NJ, Rassnick KM, Moroff SD, Liu SM, Straw RC, McKnight CA, Amorim RL, Bienzle D, Cassali GD, Cullen JM, Dennis MM, Esplin GD, Foster RA, Goldschmidt MH, Gruber AD, Hellmén E, Howerth EW, Labelle P, Lenz SD, Lipscomb TP, Locke E, McGill LD, Miller MA, Mouser PJ, O'Toole D, Pool RR, Powers BE, Ramos-Vara JA, Roccabianca

- P, Ross AD, **Sailasuta A**, Sarli G, Scase T, Schulman YF, Shoieb AM, Singh K, Sledge D, Smedley RC, Smith KC, Spangler WL, Steficek B, Stromberg PC, Valli VE, Yager J, Kiupel M. 2011. Recommended Guidelines for submission, trimming, Margin Evaluation, and Reporting of Tumor Biopsy Specimens in Veterinary Surgical Pathology, *Vet. Pathol*, 48(1), 19-31.
6. Sirin Theerawatanasirikul, Gunnaporn Suriyaphol, Roongroj Thanawongnuwech, **Achariya Sailasuta**, 2012. Histologic morphology and involucrin, filaggrin, and keratin expression in normal canine skin from dogs of different breeds and coat types, *J. Vet. Sci.*, 13(2), 163-170.
 7. Sirin Theerawatanasirikul, **Achariya Sailasuta**, Roongroj Thanawongnuwech, Tossaporn Nakbed, Komgrid Charngkaew, Gunnaporn Suriyaphol. 2012. Differential Expression of Proteins involved in Epidermal Proliferation and Differentiation in Canine Atopic Dermatitis, *Thai. J. Vet. Med.* 43(2), 287-296.
 8. Sirin Theerawatanasirikul, **Achariya Sailasuta**, , Roongroj Thanawongnuwech, Gunnaporn Suriyaphol. 2012. Alterations of keratins, involucrin, and filaggrin gene expression in canine atopic dermatitis. *Res. Vet. Sci.* 93, 1287-1292.
 9. Suriyaphol G , Suriyaphol P, Sarikaputi M, Theerawatanasirikul S, **Sailasuta A**. 2011. Association of Filaggrin (*FLG*) Gene Polymorphism with Canine Atopic Dermatitis in Small Breed Dogs. *Thai J Vet Med.* 41: 509-517.
 10. **Achariya Sailasuta** and Worapat Prachasilchai. 2013. The Role of Helicobacter spp. Infection in Domestic Animals In Current Topics in Gastritis – 2012. ISBN 978-953-510907-5. Intech publisher. P.23-35.
 11. Ketpun, D., Sailasuta, A., Piyaviriyakul, P., Onlamoon, N. and Pattanapunyasat, K. 2013. Rapid evaluation of mutant Exon-11 in c-kit in a recurrent MCT Case Using CD 117 immunocytofluorescence, FAC-Cell Sorting, and PCR. Case report in *Veterinary Medicine International*, Article ID 728167. 4 pp. doi.org/10.1155/2013/728167.
 12. **Sailasuta, A.**, Ketpun, D., Piyaviriyakul, P., Theerawatanasirikul, S., Theewasutrakul, P. and Rungsipipat, A. 2014. The Relevance of CD117-Immunocytochemistry Staining Patterns to Mutational Exon-11 in *c-kit* Detected by PCR from Fine-Needle Aspirated Canine Mast Cell Tumor Cells. *Veterinary Medicine International*. Article ID 787498, 8 pp. <http://doi:10.1155/2014/787498>.
 13. Intarapat, S., **Sailasuta, A.**, and Satayalai, O. 2014. Anatomical and Histological Changes of Reproductive Organs in Japanese Quail (*Corturnix japonica*) Embryos after *in vivo* Exposure to Genistein. *Int. J. Poultry Sci.* 13(1): 1-13.

Proceedings: (2010-2013)

1. **Achariya Sailasuta**, Jetjun Satetasit, malinee Chutmongkonkul. 2010 Pathological Study of Tissue parasites in rice field frog, *Hoplobatrachus rugulosus* (Wiegmann, 1834), the 4th meeting of Asian Society of Zoo and Wildlife Medicine, 30 July – 1 August 2010, Kualalumpur Malaysia p. 62.
2. Mathura Yaoprapa, **Sailasuta Achariya**, Chansue Nantarika, 2010 Morphological and cytological characteristics of blood cells, hematology, and biochemistry of Giant Freshwater stingray (*Hemantura Chaophraya*) in Thailand the 4th meeting of Asian Society of Zoo and Wildlife Medicine, 30 July – 1 August 2010, Kualalumpur Malaysia p. 49.
3. Ketpun, D., Lacharoj, S., Theewasutrakul, P., Rungsipipat, A., Piyawiriyakul, P, **Sailasuta, A.** 2010, Development of c-kit Expression from canine Cutaneous Mast Cell Tumors. In Proceeding on The 36th International Conference on Veterinary Science 2010, 2-5 November, 2010 p. 139.
4. **Achariya Sailasuta**, 2011, Opportunity of the Veterinary education in SEA on One health strategy, in the International Conference on Global Issue influencing human and animal health for ASEAN, 9-10 June, 2011, Khonkhan Thailand, p. 45-47.
5. Sirin theerawatanasirikul, **Achariya Sailasuta**, Supradit wangnaitham , Anudep Rungsipipat, Patharakrit Theewasutrakul,2010, C-kit immunohistochemistry on canine Cutaneous mast Cell tumor: a case report. In Proceeding on VPAT Regional Veterinary Congress 2010 25-28 April 2010, Queen sirikit national Convention Center, Bangkok Thailand. R.44-46.
6. **Achariya Sailasuta** 2011 Harmonization of the Veterinary education in the role of food safety and security to the FAVA strategy Plan 2010-2015, In the international seminar and Second congress of SEAVSA, faculty of Veterinary Medicine, University of Air langga, JW Marriott Hotel, Surabaya, Indonesia p. 33-35.
7. Ioplamlert, N., Karnjanachinto, C., Kultrailak, K., Wangnaitham, S., Ketpun, D., **Sailasuta, A.** 2010. A comparative study on c-kit expression and standard histopathology on grading of canine cutaneous mast cell tumor. In Proceeding on The 36th International Conference on Veterinary Science 2010, 2-5 November,2010 page140
8. Eksiritrirat, T., Lorsomsup, P., Apisumputthangkur, K., Nedumpum, T. S. Wangnaitham, **Sailasuta, A.** 2012, A Relevance of Oct-4 –Immunohistochemical Staining pattern to their Responsible on Canine mast Cell Tumors Grades: A preliminary study In Proceeding of 37th International Conference on Veterinary Science, 29 Feb-2 March, 2012 Impact Forum, Muangthong thani p. 111.
9. **Achariya Sailasuta** 2012 The Circulation of Influenza A Virus in asia from 1996-2011 In Proceeding on One World, One medicine Global Countermeasures against Trans –boundary animal Diseases 20 January 2012 Miyazaki University Japan. p. 11.

10. **Sailasuta. A.**, Theerawattanasirikul S, Suriyaphol G, Srisuwattanasakul S. 2012. Involucrin Immunohistochemical Expression in Canine Epidermal Squamous Cell Carcinoma (SCC). VRVC 2012. 13-16 May, 2012, Impact Convention Center, Impact Muangthong Thani, Bangkok, Thailand.
11. **Achariya Sailasuta**, Suwicha Thongpanich, Chittchai Chantangsi, Malinee Chutmongkonkul. 2012. Pathology of Hepatozoon infection in spotted flying dragon, *Draco maculatus* (Gray, 1845). The Asian Society for Zoo and Wildlife medicine/ Conservation Congress 2012, 10-12 October, 2012
12. **Sailasuta A**, Ketpun D, Piyawiriyakul P. 2013. Expression of the Key Embryonic Transcription factor Oct 4 in Putative cancer Stem Cells of Canine Cutaneous Mast Cell Tumors: A Preliminary Study. 17th Federation of Asian Veterinary Associations Congress, 4-7 January 2013, Taipei , Taiwan
13. **Sailasuta A**, Suriyaphol G, Theerawattanasirikul S, Assawawongkasem N. 2013. Immunohistochemical Expression of Involucrin on Epidermal Squamous Cell Carcinoma (SCC) and Tumors of Skin in dogs. 17th Federation of Asian Veterinary Associations Congress, 4-7 January 2013, Taipei , Taiwan
14. **Achariya Sailasuta**, Gunnaporn Suriyaphol, Sirin Theerawattanasirikul, Nongnut Assawawongkasem. 2013 Involucrin mRNA Expression in Formalin – Fixed Paraffin Embedded Tissues of Canine Epidermal Squamous Cell Carcinoma. 38th International Conference on Veterinary Science, 2013, 16-18 January 2013, Impact Forum, Muangthong Thani.
15. Ketpun, D., Piyawiriyakul, P. **Sailasuta, A.**, 2013. A trace of Oct4 transcription variant in a low – grade mast cell tumor: the first report. I.D. 456. In Proc. the 31st World Veterinary Congress, 17-20 September 2013, Prague, Czech Republic, pp. 22.
16. **Sailasuta, A.**, Assawawongkasem, N., Subangkit, M., Chamsai , E., Chutipaijit, A., Udomteerasuwat N., Satiraphan, N., Priosoeryanto., B.P. 2013 (a). Skin tumor in dogs and cats with special interest on squamous cell carcinoma in Faculty of Veterinary Science, Chulalongkorn University, Thailand and Faculty of Veterinary Medicine, Bogor Agricultural University, Indonesia. Proc. of the 6th Asian Society of Veterinary Pathology (ASVP) Congress and 5th Malaysian Association of Veterinary Pathology (MAVP) Conference. 22-24 November, 2013, Kuala Lumpur, Malaysia, p. 81.
17. Sethawongsin C., Sajjaviriyakul K., Teewasutrakul P., **Sailasuta A.**, Rungsipipat A., Techangamsuwan S. Rapid Molecular Diagnosis for Cytology-Based Canine Transmissible Venereal Tumor by Polymerase Chain Reaction. Proceeding of The 6th Asian Society of Veterinary Pathology (ASVP) Congress & the 5th Malaysian Association of Veterinary Pathology (MAVP) Congress. November 22-24, 2013, Malaysia. P. 59.

18. **Sailasuta, A.** 2013. Cancer Stem Cell Research in Veterinary Oncology . Proc. of the 6th Asian Society of Veterinary Pathology (ASVP) Congress and 5th Malaysian Association of Veterinary Pathology (MAVP) Conference. 22-24 November, 2013, Kuala Lumpur, Malaysia, p. 24-25.