

ประวัติและผลงาน

นางสิริขจร ตั้งวัฒนา Assoc. Prof. Dr. Sirikachorn Tangkawattana

1. ตำแหน่งทางวิชาการ รองศาสตราจารย์

2. ประวัติการศึกษา

ระดับ	ชื่อปริญญา (สาขาวิชา)	ชื่อสถาบัน, ประเทศ	ปี พ.ศ.
ปริญญาเอก	ปร.ด. (สาขาชีวเวชศาสตร์)	มหาวิทยาลัยขอนแก่น	2551
ปริญญาโท	วท.ม.(สาขาพยาธิชีววิทยา)	จุฬาลงกรณ์มหาวิทยาลัย	2545
ปริญญาตรี	สพ.บ. (สัตวแพทยศาสตรบัณฑิต)	มหาวิทยาลัยขอนแก่น	2536

3. ผลงานทางวิชาการ

3.1 ตำรา หนังสือ หรือเอกสารประกอบการสอน (ย้อนหลัง 5 ปี)

1. Leonardo L, Bergquist R, Li SZ, Lv S, Khieu V, Sayasone S, Xu J, Olveda R, Utzinger J, Sripa B, Satrija F, Tangkawattana S, Ullayrtha H, Wai KT, Nguyen H, Zhou XN. Multi-disciplinary integration of networking through the RNAS+: Research on other target diseases. In: Regional Network for Asian Schistosomiasis and 4 Other Helminthic Zoonoses. Advances in Parasitology. Zhou X.N., Leonardo L. and Bergquist R. (eds.) 2019;105:95-110Tangkawattana S, Tangkawattana P. Reservoir Animals and Their Roles in Transmission of Opisthorchisviverrini. In: Asiatic Liver Fluke – From Basic Science to Public Health, Part A. Advances in Parasitology.Sripa B. and Brindley P.J. (eds). 2018;101:69-95.
2. Phimpraphai W, Tangkawattana S, Kasemsuwan S, Sripa B. Social Influence in Liver Fluke Transmission: Application of Social Network Analysis of Food Sharing in Thai IsaanCulture. In: Asiatic Liver Fluke – From Basic Science to Public Health, Part A. Advances in Parasitology. Sripa B. and Brindley P.J. (eds). 2018;101:97- 124.
3. Saijuntha W, Duenngai K, Tangkawattana S, Petney TN, Andrews RH, Sithithaworn P. Recent Advances in the Diagnosis and Detection of Opisthorchis viverrini Sensu Lato in Human and Intermediate Hosts for Use in Control and Elimination Programs. In: Asiatic Liver Fluke – From Basic Science to Public Health, Part A. Advances in Parasitology. Sripa B. and Brindley P.J. (eds). 2018;101:177-214.
4. Tangkawattana S, Sripa B. Integrative EcoHealth/One Health Approach for Sustainable Liver Fluke Control: The Lawa Model. In: Asiatic Liver Fluke – From Basic Science to Public Health, Part B. Advances in Parasitology. Sripa B. and Brindley P.J. (eds). 2018;102:115-139.
5. Sripa B, Jumnainsong A, Tangkawattana S, Haswell MR. Immune Response to Opisthorchis viverrini Infection and Its Role in Pathology. In: Asiatic Liver Fluke – From Basic Science to Public Health, Part B. Advances in Parasitology. Sripa B. and Brindley P.J. (eds). 2018;102:73-95

6. Sripa B, Tangkawattana S, Brindley PJ. Update on Pathogenesis of Opisthorchiasis and Cholangiocarcinoma. In: Asiatic Liver Fluke – From Basic Science to Public Health, Part B. Advances in Parasitology. Sripa B. and Brindley P.J. (eds). 2018;102:97-113.

3.2 งานวิจัย (ย้อนหลัง 5 ปี) อย่างน้อย 3 เรื่อง

1. Suyapoh W, Tangkawattana S, Suttiaprapa S, Punyapornwithaya V, Tangkawattana P, Sripa B. 2021. Synergistic effects of cagA+ Helicobacter pylori co- infected with Opisthorchis viverrini on hepatobiliary pathology in hamsters. Acta Tropica Jan;213:105740. doi: 10.1016/j.actatropica.2020.105740. Epub 2020 Nov 4.
2. Salao K, Watakulsin K, Mairiang E, Suttiaprapa S, Tangkawattana S, Edwards SW, Sripa B. High macrophage activities are associated with advanced periductal fibrosis in chronic Opisthorchis viverrini infection. Parasite Immunol. 2019;41(1):e12603.
3. Setthawongsin C, Tangkawattana S, Rungsipipat A, Techangamsuwan S. In vitro Effect of Recombinant Feline Interferon- Ω (rFeIFN- Ω) on the Primary Canine Transmissible Venereal Tumor Culture. Front Vet Sci. 2019;6:104. doi: 10.3389/fvets.2019.00104. eCollection 2019.
4. Leonardo L, Bergquist R, Li SZ, Lv S, Khieu V, Sayasone S, Xu J, Olveda R, Utzinger J, Sripa B, Satrija F, Tangkawattana S, Ullayrtha H, Wai KT, Nguyen H, Zhou XN. Multi-disciplinary integration of networking through the RNAS+: Research on other target diseases. Adv Parasitol. 2019;105:95-110.
5. Setthawongsin C, Teewasutrakul P, Tangkawattana S, Techangamsuwan S, Rungsipipat A. Conventional Vincristine Sulfate vs. Modified Protocol of Vincristine Sulfate and L- Asparaginase in Canine Transmissible Venereal Tumor. Front Vet Sci. 2019;6:300.
6. Uppantain S, Sereerak P, Laha T, Sripa B, Tangkawattana P, Rangsiipipat A, Setthawongsin C, Tangkawattana S. 2019. Expression of p53, Bcl-22, Granulin, and PCNA in the liver of Opisthorchis viverrini infected hamsters: a comparison between single infection and repeated infection plus praziquantel administration. Proceedings of the Asian Neglected Tropical Disease Conference (NTDASIA2019) “International Research Network”, Pullman Khon Kaen Raja Orchid, Kh on Kaen, Thailand, August 7-9, 2019 pp 105-111. 8
7. Kaenjampa P, Tangkawattana S, Smith JF, Sukon P, Tangkawattana P. 2017. Eliminating Haplorchis taichui Metacercaria With Freezing Temperature and Salinity ELIMINATION OF HAPLOCHIS TAICHUI METACERCARIA IN CYPRINOID FISH WITH FREEZING TEMPERATURE AND SOURED FISH (PLASOM) WITH SALINITY. Southeast Asian J. Trop. Med. Public Health. 48(4):777-785
8. Ninh LN, Tangkawattana S, Sukon P, Takahashi N, Takehana K, Tangkawattana P. Neutralizing formaldehyde in chicken cadaver with urea and urea fertilizer solution. J Vet Med Sci. 2018 Apr 18;80(4):606-610.

9. Sirivisoot S, Teewasutrakul P, Techangamsuwan S, Tangkawattana S, Rungsipipat A. Monitoring minimal residual disease in canine lymphomas treated with modified L-COP or L-CHOP protocols. *Acta Vet Hung.* 2018 Mar;66(1):66-84.
10. Sajjuntha W, Duenngai K, Tangkawattana S, Petney TN, Andrews RH, Sithithaworn P. Recent Advances in the Diagnosis and Detection of *Opisthorchis viverrini* Sensu Lato in Human and Intermediate Hosts for Use in Control and Elimination Programs. *Adv Parasitol.* 2018;101:177-214.
11. Tangkawattana S, Tangkawattana P. Reservoir Animals and Their Roles in Transmission of *Opisthorchis viverrini*. *Adv Parasitol.* 2018;101:69-95. 33. Phimpraphai W, Tangkawattana S, Kasemsuwan S, Sripa B. Social Influence in Liver Fluke Transmission: Application of Social Network Analysis of Food Sharing in Thai Isaan Culture. *Adv Parasitol.* 2018;101:97-124. 7
12. Sirivisoot S, Teewasutrakul P, Rungsipipat A, Tangkawattana S, Techangamsuwan S. 2018. Transcriptome analysis of ABCB1, ABCG2 and the BCL2/BAX ratio in refractory and relapsed canine lymphomas under treatment and rescue protocol. *Acta Veterinaria* | 68(1): 16-31. DOI: <https://doi.org/10.2478/acve-2018-0002>
13. Upontain S, Sereerak P, Laha T, Sripa B, Tangkawattana P, Brindley PJ, Tangkawattana S. Granulin Expression in Hamsters during *Opisthorchis viverrini* Infection-Induced Cholangiocarcinogenesis. *APJCP* 2018, 19(9) : 2437- 2445.
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15. Sripa B, Tangkawattana S, Brindley PJ. Update on Pathogenesis of Opisthorchiasis and Cholangiocarcinoma. *Adv Parasitol.* 2018;102:97-113.
16. Teimoori S, Arimatsu Y, Laha T, Kaewkes S, Sereerak P, Sripa M, Tangkawattana S, Brindley PJ, Sripa B. 2016. Chicken IgY-based coproantigen capture ELISA for diagnosis of human opisthorchiasis. *Parasitol Int.* 2017, 66(4):443-447. PMID: 27140305
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18. Hanpanich P, Laha T, Sripa B, Mairiang E, Sereerak P, Upontain S, Tangkawattana P, Brindley PJ, Tangkawattana S. Decreased risk of Cholangiocarcinogenesis following repeated cycles of *Opisthorchis 6 viverrini* Infection-Praziquantel treatment: Magnetic resonance imaging (MRI) and histopathological study in a hamster model. *Parasitol Int.* 2017;66:464-470.
19. Sereerak P, Upontain S, Tangkawattana P, Mallory FF, Sripa B, Tangkawattana S. Efficacious and safe dose of praziquantel for the successful treatment of feline reservoir hosts with opisthorchiasis. *Parasitol Int.* 2017;66:448-452.

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21. Vinh HQ, Phimpraphai W, Tangkawattana S, Smith JF, Kaewkes S, Dung DT, Duong TT, Sripa B. Risk factors for *Clonorchis sinensis* infection transmission in humans in northern Vietnam: A descriptive and social network analysis study. *Parasitol Int.* 2017, 66(2):74-82.
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23. Sirivisoot, S, Techangamsuwan, S, Tangkawattana, A, Rungsipipat. Pax5 as a potential candidate marker for canine B-cell lymphoma. *Veterinari Medicina*, 62, 2017 (02): 74–80.
24. Rungsipipat A, Sitthicharoenchai P, Marlow P, Prutthithaworn P, Tangkawattana S. 2016. Expression of metallothionein protein relating to proliferative cell index in malignant feline mammary tumors using high throughput tissue microarray technique. *Comp Clin Pathol.* 25(2): 449-57.
25. Setthawongsin C, Techangamsuwan S, Tangkawattana S, Rungsipipat A. 2016. Cell-based polymerase chain reaction for canine transmissible venereal tumor (CTVT) diagnosis. *J Vet Med Sci.* Aug 1;78(7):1167-73. doi: 10.1292/jvms.15-0710.
26. Sirivisoot S, Techangamsuwan S, Tangkawattana S, Rungsipipat A. 2016. Application of Immunophenotyping and Heteroduplex Polymerase Chain Reaction (hPARR) for Diagnosis of Canine Lymphomas. *Asian Pac J Cancer Prev.* 2016;17(6):2909-16.
27. Suwannatrai K, Suwannatrai A, Tabsripair P, Welbat JU, Tangkawattana S, Cantacessi C, Mulvenna J, Tesana S, Loukas A, Sotillo J. Differential Protein Expression in the Hemolymph of *Bithynia siamensis* goniomphalos Infected with *Opisthorchis viverrini*. *PLoS Negl Trop Dis.* 2016 Nov 28;10(11):e0005104. doi: 10.1371/journal.pntd.0005104.
28. Aunpromma S., Kanjampa P, Papirom P, Tangkawattana S, Tangkawattana P, Tesana S, Boonmars T, Suwannatrai A, Uopsai S, Sukon P, Sripa B. Prevalence and risk factors for *Opisthorchis viverrini* infection among cats and dogs in six districts surrounding the Ubonratana Dam, an endemic area for human opisthorchiasis in Northeastern Thailand. *Southeast Asian J Trop Med Public Health.* 2016. 47(6):1153-1159.
29. P Kaenjampa, Tangkawattana S, Aunpromma S, Suk-on P, Tangkawattana P. fecitivity of *Opisthorchis viverrini* and *Haplorchis taichui* in cyprinoid fish and plasom in Khon Kaen, Thailand and a preliminary study of freezing temperature on survival of the trematodes in cyprinoid fish. *KKU Veterinary Journal* 2016 Vol.26 No.2 pp.114-131.
30. Sripa B, Tangkawattana S, Laha T, Kaewkes S, Mallory FF, Smith JF, Wilcox BA. 2015. Toward integrated opisthorchiasis control in northeast Thailand: the Lawa project. *Acta Trop.* 141(Pt B):361-7.

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4. ประสบการณ์การสอนระดับอุดมศึกษา 24 ปี

5. ภาระงานสอน

5.1 ระดับปริญญาตรี

714 311 Veterinary General Pathology

714 412 Veterinary Systemic Pathology

714 413 Veterinary Clinical Pathology

714 551 Clinical Practice in Pathology I

714 652 Clinical Practice in Pathology II

714 653 Clinical Practice in Pathology III

5.2 ระดับปริญญาโท (หลักสูตรอื่น)

714 751 Companion Animal Pathology Clinic (ประกาศนียบัตรบัณฑิต)

714 721 Cellular Pathology Techniques in Veterinary Sciences

714 722 Principles of Pathogenesis in Veterinary Sciences

714 711 Advanced Veterinary Clinical Pathology

5.3 ระดับปริญญาเอก

เช่นเดียวกับ 5.2