
CURRICULUM VITAE

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EDUCATION

Year	Degree	Field	Institute
1982	B.Sc.	Nursing	Prince of Songkla University, Thailand,
1988	M.S.	Pharmacology	Mahidol University, Thailand
1998	Ph.D.	Pharmacology	Toyama Medical and Pharmaceutical University, Japan

RESEARCH EXPERIENCES

1. Pharmacological studies on Thai medicinal plants
2. Studies on mechanism of drug action using receptor expressing model in *Xenopus* oocytes

PUBLICATIONS

Full Papers

1. Leewanich P., Tohda M., Matsumoto K., Subhadhirasakul S., Takayama H., Aimi N., and Watanabe H., 1996. Behavioral studies on alkaloids extracted from the leaves of *Hunteria zeylanica*. Biol. Pharm. Bull., 19, 394-399.
2. Leewanich P., Tohda M., Matsumoto K., Subhadhirasakul S., Takayama H., Aimi N., and Watanabe H., 1997. Inhibitory effects of corymine, an alkaloidal component from the leaves of *Hunteria zeylanica*, on glycine receptor expressed in *Xenopus* oocytes. Eur. J. Pharmacol., 332, 321-326.

3. Leewanich P., Tohda M., Matsumoto K., Subhadhirasakul S., Takayama H., Aimi N., and Watanabe H., 1998. A possible mechanism underlying corymine inhibition of glycine-induced chloride current in *Xenopus* oocytes. *Eur. J. Pharmacol.*, 348, 271-277.
4. Leewanich P, Tohda M, Matsumoto K, Subhadhirasakul S, Takayama H, Aimi N, and Watanabe H, 1998. Inhibitory effects of corymine-related compounds, indole alkaloids, on glycine receptors expressed in *Xenopus* oocytes. *Jpn. J. Pharmacol.*, 77, 169-172.
5. Leewanich P, Tohda M, Takayama H, Sophasan S, Watanabe H, Matsumoto K., 2005. Corymine potentiates NMDA-induced currents in *Xenopus* oocytes expressing NR1a/NR2B glutamate receptors. *J Pharmacol Sci.*, 98, 58-65.
6. Sueblinvong T, Plumchai T, Leewanich P, and Limpanasitthikul W. 2007. Cytotoxic effects of water extract from *Stephania venosa* tubers. *Thai Pharm Health Sci J.*, 2, 203-208.
7. Han X., Tomotori H., Mizuno S., Higashi K., Full C., Fukiwake T., Terui Y., Leewanich P., Nishimura K., Toida T., Williams K., Kashiwagi K., Igarashi K. 2008. Binding of spermine and ifenprodil to a purified, soluble regulatory domain of the *N*-methyl-D-aspartate receptor. *J Neurochem.*, 107, 1566-1577.
8. Leewanich P, Possibility for use of *Rana tigrina* oocytes in the synthesis of neurotransmitter receptors. Proceedings of the Srinakharinwirot Academic Meeting; 2008 January 31 – February 1; Bangkok, Thailand. Bangkok: Sahamitre printing and publishing, 2008. p. 363-372.
9. Leewanich P. and Prachayasitikul S. *In vitro* study of *Stephania venosa* extracts on anticancer activity. Proceedings of the Srinakharinwirot Academic Meeting; 2008 January 31 – February 1; Bangkok, Thailand. Bangkok: Sahamitre printing and publishing, 2008. p. 373-381.
10. Leewanich P, Worachartcheewan A, Prachayasittikul S, Prachayasittikul V. 2011. Anticancer and antioxidative activities of *Stephania venosa*. *Eur J Sci Res.* 51, 150-156.
11. Mahasitthiwat V, Leewanich P, Lekskulchai V, Fakchueag P. 2011. Internal Quality Assurance of Faculty of Medicine, Srinakharinwirot University: 2004-2008. *J Med Health Sci.*18, 21-29.
12. Leewanich P. 2011. Inhibitory effect of a water extract from *Stephania venosa* tubers on serotonin receptor. *Thai Pharm Health Sci J.* 6, 209-213.
13. Leewanich P. 2012. Inhibitory effect of a water extract from *Stephania venosa* tubers on N-methyl D-aspartate receptor. *Thai Pharm Health Sci J.* 34, 5-11.

Abstracts

1. Limpanasitthikul W, Plumchai T, Sueblinvong T, and Leewanich P. Apoptosis Activity of *Stephania venosa* Extract on Lymphocytes from Patients with Cervical Cancer. The 3rd World Congress on Medicinal and Aromatic Plants for Human Welfare, Chiang Mai, Thailand, February 3-7, 2003, Abstract PP01-30.

2. Leewanich P, Thanomsab B, Prachayasittikul S and Isoda H. Biological Activity from *Stephania venosa*. The 3rd World Congress on Medicinal and Aromatic Plants for Human Welfare, Chiang Mai, Thailand, February 3-7, 2003, Abstract PP01-38.
3. Leewanich P, Sophasan S and Watanabe H. Effects of corymine, an alkaloid from *Hunteria zeylanica*, on the NR1a/NR2B NMDA receptors expressed in *Xenopus* oocytes. การประชุม นักวิจัยรุ่นใหม่...พบ...เมธีวิจัยอาวุโส สกว, กาญจนบุรี. 9-11 มกราคม 2547
4. Bhuthabthim N., Leewanich P., Patarapanich C, Tantisira B., Tantisira M.H Preclinical evaluation of anticonvulsant activity of N-(p-aminobenzoyl)-1,2,3,4-tetrahydroquinoline. Iranian Journal of Pharmaceutical Research: Supplement 1:23 (2nd Symposium of FAONS / 3rd Iranian Neuroscience Congress. May 16-19, 2004, Tehran, Iran)
5. Wacharee Limpanasittikul, Metta Kheiamsawang, Tada Sueblinvong, Pathama Leewanich, Poonlarb Cheepsunthorn, Supaluk Prachayasithikul. Cytotoxic activities of *Stephania venosa* tuber extracts. 15th World Congress of Pharmacology IUPHAR 2006, Beijing, China, July 2-7, 2006, Abstract P030030
6. Leewanich P., Possibility for use of *Rana tigrina* oocytes in the synthesis of neurotransmitter receptors. Srinakharinwirot Academic Meeting , Bangkok, Thailand. January 31 – February 1, 2008, p 216
7. Leewanich P. and Prachayasittikul S. *In vitro* study of *Stephania venosa* extracts on anticancer activity. Srinakharinwirot Academic Meeting , Bangkok, Thailand. January 31 – February 1, 2008, p 218
8. Leewanich, P. Inhibitory effect of water extract from *Stephania venosa* tubers on serotonin receptors expressed in *Xenopus* oocyte. The 10th Biennial Meeting of the Asian-Pacific Society for Neurochemistry (APSN) 2010, Phuket, Thailand, October 18-20, 2010, p 71
9. Leewanich, P. and Suksamrarn S. Xanthones isolated from the pericarp of the mangosteen inhibits 5-HT, NMDA and glycine receptors expressed in *xenopus* oocytes. WCP 1014: The 17th World Congress of Basic & Clinical Pharmacology, Cape Town, South Africa, July 13-18, 2014.