

## CURRICULUM VITAE

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**Areas of Expertise** 1. Natural product chemistry  
2. Cytotoxic activity of natural compounds

### Education

Degree	Title	Year	University
Doctor of Philosophy (Ph.D., Pharmaceutical Sciences)	Cytotoxicity of marine- derived merosquinones and scalarane sesterterpenes derivatives	2006-2014	Prince of Songkla University
Bachelor's Degree (B.Pharm)	Chemical constituents from Thai sponge <i>Hyrtios</i> sp.	2001-2006	Prince of Songkla University

### Publications

1. **Kittiwisut S**, Kraissit P. Physicochemical characterization of propranolol-loaded chitosan nanoparticles for a buccal drug delivery system. *Int J App Pharm.* 2020;12(4):243-7.
2. Jiso A, **Kittiwisut S**, Chantakul R, Yuenyongsawad S, Puchakarn S, Schäberle TF, et al. Quinone, a Merosquinone from the Yellow Sponge *Verongula cf. rigida* Esper. *J Nat Prod.* 2020;83(2):532-6.
3. Asatjarit R, Meesomboon T, Adulheem P, **Kittiwisut S**, Sookdee P, Samosornsuk W, et al. Physicochemical properties of alpha-mangostin loaded nanoemulsions prepared by ultrasonication technique. *Heliyon.* 2019;5(9).
4. **Kittiwisut S**, Rohena CC, Yuenyongsawad S, Mooberry SL, Plubrukarn A. Antiproliferative effects of 12-oxoheteronemin vs heteronemin. *Nat Prod Commun.* 2014;9(3):359-60.
5. Settharaksa S, Madaka F, Sueree L, **Kittiwisut S**, Sakunpak A, Monton C, Charoenchai L. Effect of solvent types on phenolic, flavonoid contents and antioxidant activities of *Syzygium gratum* (wight) S.N. *Int J Pharm Pharm Sci.* 2014; 114-6.
6. Sirirak T, **Kittiwisut S**, Janma J, Yuenyongsawad S, Suwanborirux K, Plubrukarn A. Kabiramide J and K, Trisoxazole Macrolides from the Sponge *Pachastrissa nux*. *J Nat Prod.* 2011; 741: 288-92.

## Conference Papers

1. **Kittiwisut S**, Plubrukarn A. Quinonyl and phenyl sesquiterpenes from an unidentified sponge. Proceeding of the 6<sup>th</sup> Regional IMT-GT UNINET Conference 2008. Penang, Malaysia: August, 2008 (poster presentation).
2. Chankana N, Monton C, Saingam W, **Kittiwisut S**, Suksaeree J, Sakunpak A, Kraisintu K, Tengwattanachoti Y. Effect of spray drying carriers on physical properties of spray dried anti-Fee-Mareng-Suang extract powder. Proceeding of the 30<sup>th</sup> Annual Research Conference in Pharmaceutical Sciences; Thai J Pharm Sciences. 2013; 38(suppl.): 247-50.
3. Saingam W, Monton C, Suksaeree J, Chankana N, **Kittiwisut S**, Chareonchai L. Development and validation of RP-HPLC method for determination of piperine in Maha-Solos tablet formulation. Proceeding of the 30<sup>th</sup> Annual Research Conference in Pharmaceutical Sciences; Thai J Pharm Sciences. 2013; 38(suppl.): 133-136.

## Book Chapter

1. **Kittiwisut S**, Natural products for skin and hair colors. In: Paeratakul O, Maluangnon K, Kongkaneramt L, Phodha T, editors. Advances in Natural Products and Cosmeceuticals for Anti-aging. Bangkok: Panchaya creation; 2020. p. 117-34.

## Research Grant

Year	Project Title	Status	Granting Agency
2018	Pharmacognosy and botanical standardization of Sadao-Thai for Thai Herbal Pharmacopoeia preparation	Co-researcher	Department of Medical Sciences, Ministry of Public Health
2017	Phytochemical screening and antidiabetic activity using $\alpha$ -glucosidase inhibition of <i>Tetracera loureiri</i> (Finet & Gagnep.) Pierre ex Craib	Researcher	Thammasat University Research Fund under the TU Research Scholar
2006-2010	Cytotoxicity of marine-derived terpenes and steroids from the sponge <i>Hyatella intestinalis</i> Lamarck and <i>Stylissa</i> sp.	Research assistance	Thailand Research Fund