

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 merosanes 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**, Amnuoypol S, Pathompak P, Setharaksa S. α -Glucosidase, α -amylase inhibitory effects and anti-oxidative activity of *Tetracera loureiri* (Finet & Gagnep.) Pierre ex Craib leaf extracts. *Pharmaceutical Sciences Asia*. 2021;48(2):175-84.
2. **Kittiwisut S**, Kraisit P. Physicochemical characterization of propranolol-loaded chitosan nanoparticles for a buccal drug delivery system. *Int J App Pharm*. 2020;12(4):243-7.

3. Jiso A, **Kittiwisut S**, Chantakul R, Yuenyongsawad S, Putchakarn S, Schäberle TF, et al. Quinotaquinone, a Merosesquiterpene from the Yellow Sponge *Verongula cf. rigida* Esper. *J Nat Prod*. 2020;83(2):532-6.
4. Asasutjarit 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).
5. **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.
6. 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.
7. Sirirak T, **Kittiwisut S**, Janma J, Yuenyongsawad S, Suwanborirux K, Plubrukarn A. Kabiramides 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 6th 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 30th 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 30th Annual Research Conference in Pharmaceutical Sciences; *Thai J Pharm Sciences*. 2013; 38(suppl.): 133-136.

Book Chapter

Kittiwisut S, Natural products for skin and hair colors. In: Paeratakul O, Maluangnon K, Kongkaneromit 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 α -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