

Curriculum vitae

Name Ms. Sukanjana Kamlungmak

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Education

2007- 2010, Bachelor of Thai Traditional Medicine, Prince of Songkla University (PSU), Thailand under the supervision of Ms. Pitchamon Akkharayotphong

Project work: Effects of Kaysorn-Tung-Haa Recipe in Healthy Volunteers

2011- 2013, Master of Science (Health System Management), Thaksin University (TSU), Thailand

Thesis: Factors Relating to Quality of Work Life of Thai Traditional Practitioner in Community Hospitals, Southern Thailand under the supervision of Asst. Prof. Dr. Kusumarn Noipah

2016 - 2020, Ph.D. (Pharmaceutical Sciences). In progress Prince of Songkla University (PSU), Thailand

Thesis: Formulation development of mupirocin nanoparticle- loaded hydrogel for antibacterial and burn wound healing under the supervision of Prof. Dr. Teerapol Srichana

Current position

Lecturer in Department of Thai Traditional Medicine at TSU (2011-present)

Teaching experiences

- Pharmaceutical technologic (Formulation of nanoparticle by nano spray dryer, drug release, HPLC, particle size analysis)
- Polymeric Material Characterization
- Global gene expression by Next generation sequencing technology
- The antibacterial activity (Bacteria culture, MICs, MBCs Bacterial viability by using the Flow)
- Cell culture
- Phase behavior of thermoresponsive hydrogel analysis by SAXS
- Human subjects research: Randomized controlled trial (healthy volunteers)
- Animal research
- Survey Research in Thai Traditional Medicine and Health System Management
- Confocal Laser Scanning Microscopy (LEICA) Training
- Flow cytometry Training
- Next generation sequencing technology Training
- Ultracentrifuge Training
- Freeze dry Training
- Liquid Chromatography Mass spectrometer Training
- Bioanalyzer Training

Poster Presentation

- Author: Sukanjana Kamlungmak and Teerapol Srichana
Title: Rheological and bioadhesive properties of thermo-responsive Poloxamer 407/ Poly (vinyl alcohol) hydrogel
Conference: 5th Current Drug Development 2018 (CDD 2018) and the 3rd Herbal and Traditional Medicine 2018 (HTM2018)
- Author: Sukanjana Kamlungmak, Janwit Dechraksa and Teerapol Srichana
Title: Viscoelastic, mechanical, bioadhesive and phase behavior of a thermoresponsive poloxamer 407 and cPVA hydrogel
Conference: The 11th IMT-GT UNINET Conference 2018
- Author: Sukanjana Kamlungmak, Janwit Dechraksa and Teerapol Srichana

Title: Viscoelastic, Mechanical, Bioadhesive and Phase Behavior of a
Thermoresponsive Pluronic 407 and PVA hydrogel for Topical Delivery of Mupirocin Nanoparticle
Conference: RGJ-University Forum

□ 4. Author: Sukanjana Kamlungmak, Monwadee Wonglapsuwan and Teerapol
Srichana

Title: The antibacterial activity of mupirocin nanoparticle-loaded hydrogel in
methicillin-resistant *Staphylococcus aureus*

Conference: The 11th Joint Seminar on Biomedical Sciences

Publication

- **Kamlungmak, S.,** Rugmai, S., Tinpun, K., Nakpheng, T., & Srichana, T. (2020). **Phase behavior, in vitro drug release, and antibacterial activity of thermoresponsive poloxamer–polyvinyl alcohol hydrogel-loaded mupirocin nanoparticles.** Journal of Applied Polymer Science, 137(43); 49325.
- **Kamlungmak, S.,** Dechraksa, J., Padmavathi, A. R., Sawatdee, S., Tinpun, K., Nakpheng, T., & Srichana, T. (2019). **Lamellar phase behavior and molecular interaction of a thermoresponsive poloxamer and crosslinked poly (vinyl alcohol) hydrogel.** Materials Today Communications, 20: 1-13; 100542.
- Sritharadol, R., Chunchachaichana, C., **Kamlungmak, S.,** Buatong, W., Dechraksa, J., Suwandecha, T., Sriwiriyan, S., Nopparat, J. and Srichana, T. (2019). **The safety and efficacy of mupirocin topical spray for burn wound healing in a rat model.** Int. J. Pharm. Qual. Assur., 10(1): 51-59.
- Noipha K., **Kamlungmak S.,** Khuniad C., Sriraksa S., Banjongmaung K. (2018). **A Study of Wisdom Folk Healer in Phatthalung Province.** Songklanakarin Journal of Social Sciences and Humanities, 24(1): 149-172.
- Noipha K., **Kamlungmak S.,** Chaimay B., Suwannarat R. (2017). **Perception of Using Herbal Medicines in National List of Essential Medicines among Outpatients at Internal Medicine Department and Medical Doctors in Phatthalung Hospital.** Journal of Thai Traditional and Alternative Medicine, 15(3): 333-351.
- **Kamlungmak S.,** Khuniad C., Sriraksa S., Banjongmueang K., & Noipha K. (2015) **Satisfaction of Chiefs and Colleagues Competencies of Thai Traditional Practitioner Graduates from University.** Research and Development Health System Journal, 8(3): 32-38. 2015

- Kamlungmak S., Kochapakdee W., Noipha K. (2015). **Factors Relating to Quality of Work Life of Thai Traditional Practitioner in Community Hospitals, Southern Thailand**, Research and Development Health System Journal, 8(2): 34-40.