

CURRICULUM VITAE



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Head of Clinical Trials and Evidence-Based Syntheses Research Unit (CTEBs RU)

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Date of birth (Aged): 29 April, 1980 (Aged 42 year olds)

Position: Assistant. Prof.

EDUCATION

CHIANG MAI UNIVERSITY

June 1999 – Mar 2004

Bachelor of Pharmacy (B. Pharm), Faculty of Pharmacy

NARESUAN UNIVERSITY

June 2004 - Sep 2006 *Master*

Degree of Pharmacy, in Pharmaceutical Sciences

International Program (M. Pharm.)

Doctor of Philosophy in Biopharmaceutical Sciences

(Clinical Pharmacology) (Ph.D.)

WORKING EXPERIENCES

Head of Clinical Trials and Evidence-Based	Maharakham University	Jan 2019-
Synthesis Research Unit (CTEBs RU)		present
Head of IRB/EC Maharakham University	Maharakham University	Jan 2018-
		present
Faculty Member	Department of Clinical Pharmacy,	Sep 2006 -
	Faculty of Pharmacy, Maharakham University	present
Clinical Research Associate	Clinical Research Center (CRC), Department of	June 2009 –
	Medical Sciences, Ministry of Public Health	2020
	Thailand	
Project Management	Health Promotion Project, Faculty of Pharmacy,	Jan 2013 -
	Maharakham University	Dec 2014
Assistant Dean for Student Affair	Faculty of Pharmacy, Maharakham University	June 2013-
		Mar 2015

EXPERIENCING STUDYING/RESEARCHING ABOARD

Visiting Scholar	Department of Neuroscience and Imaging, G.d'Annunzio University,	Mar 2011 –
	School of Medicine, and Center of Excellence on Aging (CeSI),	Apr 2012
	Chieti, Italy	

Visiting Researcher	School of Pharmacy, Monash University Malaysia, Jalan Lagoon Selatan, 46150 Bandar Sunway, Selangor, Malaysia	June 2015 – June 2016
Adjunct Senior	School of Pharmacy, Monash University Malaysia,	Mar 2016 –
Researcher Fellow	Jalan Lagoon Selatan, 46150 Bandar Sunway, Selangor, Malaysia	Feb 2018

EXPERIENCES RELATED TO HERBAL AND ALTERNATIVE MEDICINE

1. Clinical Trials

- a. Cleansing lotion containing tamarind fruit pulp's extract: II study of cumulative irritation effects in human (published)
- b. Cleansing lotion containing tamarind fruit pulp extract. III. Study of lightening efficacy and skin irritation on Asian skin type (published)
- c. Efficacy and safety of topical trikatu preparation in relieving mosquito bite reactions (published)
- d. Properties and safety of self-prepared isotonic and hypertonic nasal saline irrigation (published)
- e. Efficacy and safety of extracted Prasapalai for relieving acute muscle strain (published)
- f. Efficacy and safety of self-prepared isotonic and hypertonic nasal saline irrigation in allergic rhinitis (published)
- g. Effectiveness and safety of Syzygium sp. gel for treatment of acne (waiting for publication)
- h. Efficacy and safety of topical product containing long pepper extract on muscle pain relief (waiting for publication)
- i. Efficacy and safety of topical product containing Plai extract on OA knee (waiting for publication)
- j. Efficacy and safety of Prabchompuhaweeep (ปราบชมพูทวีป) on allergic rhinitis (waiting for publication)
- k. Efficacy and safety of Tiptajo formulation on atopic dermatitis (on going trial)

2. Evidence Based Synthesis (Systematic review and meta-analysis, cohort study)

- a. The efficacy of aloe vera used for burn wound healing: A systematic review (published)
- b. Efficacy and safety of *Derris scandens Benth* for musculoskeletal pain treatment: A systematic review and meta-analysis of randomized controlled trials (published)
- c. Efficacy and safety of *Cissus quadrangularis* Linn. in clinical use: A systematic review and meta-analysis of randomized controlled trials (published)
- d. The effects of cannabis, cannabinoids, and their administration routes on pain control efficacy and safety: A systematic review and network meta-analysis (published)
- e. Monitoring efficacy and safety of Prasapalai on dysmenorrhea in community pharmacy (published)
- f. Efficacy and safety of *Gymnema inodorum* (Lour.) Decne on glycemic control in pre-DM or DM patients: A systematic review and meta-analysis (published)
- g. Efficacy and Safety of *Eucalyptus* for Relieving Cough: A Systematic Review and Meta-Analysis of Randomized Controlled Trials (published)
- h. *Aloe vera* and health outcomes: An umbrella review of systematic reviews and meta-analyses (published)
- i. Monitoring efficacy and safety of Ya-Sa-Tree on dysmenorrhea in community pharmacy (waiting for publication)
- j. Series reviews of clinical efficacy for all indication of Turmeric such as DM, Pre-DM, NAFLD, RA, Thalassemia etc.: A systematic review and meta-analysis of randomized controlled trials and umbrella review (waiting for publication)
- k. Effects of herbal medicines to prevent anti-TB drug induced liver injury: A systematic review and network meta-analysis (waiting for publication)
- l. Efficacy and safety of herbal medicines on dementia: An umbrella review of systematic review (waiting for publication)

- m. Efficacy and safety of Turmeric on COVID-19: A systematic review and meta-analysis (waiting for publication)
- n. Efficacy and safety of herbal medicines on COVID-19: A systematic review and network meta-analysis (on going study)

RESEARCH EXPERTISE

- Clinical Trials (Herbal and Alternative Medicines, Pain management and skin care product from herb extract)
- Evidence-Based synthesis (Systematic review, meta-analysis, network meta-analysis, umbrella review)
- Clinical Pharmacology (Pain and Inflammation)
- Health Economic Evaluation (cost-effectiveness analysis)
- Healthcare resource utilization analysis

PEER-REVIEWED PUBLICATIONS

1. **Maenthaisong R**, Chaiyakunapruk N, Thamlikitkul V. Cost-effectiveness of chlorhexidine gluconate compared with povidone-iodine solution for catheter-site care in Siriraj Hospital. *J med Assoc Thai* 2006; 89 (Suppl.5):S94-101.
2. **Maenthaisong R**, Chaiyakunapruk N, Niruntraporn S, Kongkaew C. The efficacy of aloe vera used for burn wound healing: A systematic review. *Burns* 2007;33(6):713-8.
3. **Maenthaisong R**, Viyoch J, Chaiyakunapruk N, Warnnissorn P. Cleansing lotion containing tamarind fruit pulp's extract: II study of cumulative irritation effects in human. *Journal of Cosmetic Dermatology* 2007;6(3):178-82.

4. **Maenthaisong R**, Chaikunapruk N, Warnissorn P, Viyoch J. Cleansing lotion containing tamarind fruit pulp extract. III. Study of lightening efficacy and skin irritation on Asian skin type. *ScienceAsia* 2009;35:24-31.
5. Patrignani P, **Maenthaisong R**, Tacconelli S. (Jun 2012). Cyclooxygenase-2: Biology of Prostanoid Biosynthesis and Metabolism. In: eLS. John Wiley & Sons Ltd, Chichester. <http://www.els.net> [doi: 10.1002/9780470015902.a0023205].
6. **Maenthaisong R**, Tacconelli S, Sritara P, Del Boccio P, Di Francesco L, Sacchetta P, Archararit N, Aryurachai K, Patrignani P, Suthisisang C. Clinical pharmacology of cyclooxygenase inhibition and pharmacodynamic interaction with aspirin by floctafenine in Thai healthy subjects. *Int J Immunopathol Pharmacol*. 2013 Apr-Jun;26(2):403-17.
7. **Maenthaisong R**, Chaikunapruk N, Tiyaaboonchai W, Tawatsin A, Rojanawiwat A, Thavara U. Efficacy and safety of topical trikatu preparation in relieving mosquito bite reactions. *Complementary Therapies in Medicine* 2014;22:34-9.
8. Saokaew S, Tassaneeyakul W, **Maenthaisong R**, Chaikunapruk N. Cost-Effectiveness Analysis of HLA-B*5801 Testing in Preventing Allopurinol-Induced SJS/TEN in Thai Population. *PLoS ONE* 2014;9(4): e94294. doi:10.1371/journal.pone.0094294.
9. Sansila K, Kaenphukhiao T, Khochuaiklang P, Eiamprapai P, Sungthong B, **Sawangjit R* (2015)**. Properties and safety of self-prepared isotonic and hypertonic nasal saline irrigation. *Proceeding in ACCP conference 2015, Thailand*.
10. **Sawangjit R**, Kittiboonyakun P, Ardsri P, Sucharit C, Pengngam S. Knowledge, attitude, behaviors, and factors affecting the management of chronic non-cancer pain in patients living in the community. *J Sci Technol MSU* 2015;34(6):587-92 (in Thai).
11. Dilokthornsakul P, **Sawangjit R**, Inprasong C, Chunhasewee S, Rattanapan P, Thoopputra T, Chaikunapruk N. Health care utilization and cost of Stevens–Johnson syndrome and toxic epidermal necrolysis management in Thailand. *J Postgrad Med* 2016; 62:109-114.
12. **Sawangjit R**, Chongmelaxme B, Phisalprapa P, Saokaew S, Thakkestian A, Kowdley KV, Chaikunapruk N. Comparative Efficacy of Interventions on Non-alcoholic Fatty Liver Disease (NAFLD): A PRISMA-

compliant Systematic Review and Network Meta-analysis. Medicine (Baltimore) 2016.

95(32):e4529.doi:10.1097/MD.0000000000004529.

13. Puttarak P, **Sawangjit R**, Chaiyakunapruk N. Efficacy and safety of *Derris scandens* (Roxb.) Benth. for musculoskeletal pain treatment: A systematic review and meta-analysis of randomized controlled trials. Journal of Ethnopharmacology 2016; 194:316-323.
14. **Sawangjit R**, Khan TM, Chaiyakunapruk N. Effectiveness of pharmacy-based needle/syringe exchange programme for people who inject drugs: a systematic review and meta-analysis. Addiction 2016; doi:10.1111/add.13593.
15. **Sawangjit R**, Puttarak P, Saokaew S, and Chaiyakunapruk N. Efficacy and safety of *Cissus quadrangularis* L. in clinical use: A systematic review and meta-analysis of randomized controlled trials. Phytother. Res. 2017;1099-1573. (DOI: 10.1002/ptr.5783).
16. Nutadee N, **Sawangjit R**, Chaiyakunapruk N, Sripong P. Effectiveness and safety of *Gymnema sylvestre* on glycemic and lipid control in type 2 diabetes: a systematic review and meta-analysis. TJPP 2018;10(1):14-28 (in Thai).
17. Sansila K, Eiamprapai P, **Sawangjit R**. Properties of Self-prepared Nasal Saline Irrigation. TJPP 2018;10(1):69-81 (in Thai).
18. Kongpakwattana K, **Sawangjit R**, Tawankanjanachot I, Simon Bell J, Hilmer SN, Chaiyakunapruk N. Pharmacological treatments for alleviating agitation in dementia: A systematic review and network meta-analysis. Br J Clin Pharmacol. 2018 Apr 10. doi: 10.1111/bcp.13604.
19. **Sawangjit R**, Dilokthornsakul P, Lloyd-Lavery A, Chua S, Lai NM, Dellavalle R, Chaiyakunapruk N. Systemic treatments for eczema: a network meta-analysis. Cochrane Database of Systematic Reviews 2018, Issue 11. Art. No.: CD013206.DOI: 10.1002/14651858.CD013206.

20. Sansila K, Eiamprapai P, **Sawangjit R**. Effects of self-prepared hypertonic nasal saline irrigation in allergic rhinitis: A randomized controlled trial. *Asian Pac J Allergy Immunol*. 2018 Dec 9. doi: 10.12932/AP-090618-0331.
21. Chongmelaxme B, Phisalprapa P, **Sawangjit R**, Dilokthornsakul P, Chaiyakunapruk N. Weight Reduction and Pioglitazone are Cost-Effective for the Treatment of Non-Alcoholic Fatty Liver Disease in Thailand. *Pharmacoeconomics*. 2018 Nov 15. doi: 10.1007/s40273-018-0736-0.
22. Wisai M, Sripong P, Nualkaew S, **Sawangjit R**. Pilot study on efficacy and safety of Prasapalai extract capsules for relieving acute pain from muscle strain. *TJPP* 2019 Jan-Mar;11(1):1-17 (in Thai).
23. Thongphui S, Chaichompu W, **Sawangjit R**. Effectiveness and safety of mecobalamin on herpetic neuralgia: A systematic review and meta-analysis of randomized controlled trials. *TJPP* 2019 Jan-Mar;11(1):284-304 (in Thai).
24. **Sawangjit R***, Nuntalard N, Pradakorn P, Rattarom R. Preliminary Effects of Prasapalai Capsule for Menstruation Disorder Treatment. *Journal of Thai Traditional and Alternative Medicine* 2019 Jan-Apr;17(1):63-76 (in Thai).
25. Rabgay K, Waranuch N, Chaiyakunapruk N, **Sawangjit R**, Ingkaninan K, Dilokthornsakul P. The effects of cannabis, cannabinoids, and their administration routes on pain control efficacy and safety: A systematic review and network meta-analysis. *J Am Pharm Assoc* (2003). Jan-Feb 2020;60(1):225-234.e6. doi: 10.1016/j.japh.2019.07.015. Epub 2019 Sep 5.
26. **Sawangjit R**, Thongphui S, Chaichompu W, Phumart P. Efficacy and Safety of Mecobalamin on Peripheral Neuropathy: A Systematic Review and Meta-analysis of Randomized Controlled Trials. *J Altern Complement Med*. 2020 Jul 21. doi: 10.1089/acm.2020.0068. Online ahead of print.
27. **Sawangjit R**, Dilokthornsakul P, Lloyd-Lavery A, Lai NM, Dellavalle R, Chaiyakunapruk N. Systemic treatments for eczema: a network meta-analysis. *Cochrane Database Syst Rev*. 2020 Sep 14;9:CD013206. doi: 10.1002/14651858.CD013206.pub2. PMID: 32927498.

28. Sadoyu S, Rungruang C, Wattanavijitkul T, **Sawangjit R**, Thakkinstant A, Chaiyakunapruk N. Aloe vera and health outcomes: An umbrella review of systematic reviews and meta-analyses. *Phytother Res*. 2020 Sep 14. doi: 10.1002/ptr.6833.
29. Saeteaw M, Sanguanboonyaphong P, Yoodee J, Craft K, **Sawangjit R**, Ngamphaiboon N, Shantavasinkul PC, Subongkot S, Chaiyakunapruk N. Efficacy and safety of pharmacological cachexia interventions: systematic review and network meta-analysis. *BMJ Support Palliat Care* 2021 Mar;11(1):75-85. doi: 10.1136/bmjspcare-2020-002601.
30. Kanjanasilp J, **Sawangjit R**, Phanthaisong S, Borihanthanawuth W. A meta-analysis of effects of CYP2C9 and CYP2C19 polymorphisms on phenytoin pharmacokinetic parameters. *Pharmacogenomics*. 2021 Jun 1. doi: 10.2217/pgs-2020-0151.
31. Guo S, Donaldson M, Ortega-Loayza AG, **Sawangjit R**, Chaiyakunapruk N, Adler BL. From the Cochrane Library: Systemic treatments for eczema, a network meta-analysis. *J Am Acad Dermatol*. 2021 Dec 14:S0190-9622(21)02973-X. doi: 10.1016/j.jaad.2021.12.012. Epub ahead of print.
32. Ladda Her, Juntip Kanjanasilp, Nathorn Chaiyakunapruk, and **Ratree Sawangjit***. Efficacy and Safety of *Eucalyptus* for Relieving Cough: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. *Journal of Integrative and Complementary Medicine*. 2022 Jan 17. <https://doi.org/10.1089/jicm.2021.0226>. Online ahead of print.
33. Dilokthornsakul P, **Sawangjit R**, Tangkijvanich P, Chayanupatkul M, Tanwandee T, Sukeepaisarnjaroen W, Sriuttha P, Permsuwan U. Economic Evaluation of Oral Nucleos(t)ide Analogues for Patients with Chronic Hepatitis B in Thailand. *Appl Health Econ Health Policy*. 2022 Feb 10. doi: 10.1007/s40258-022-00719-y. Online ahead of print.
34. Veettil SK, Darouiche G, **Sawangjit R**, Cox N, Lai NM, Chaiyakunapruk N. Effects of pharmacist interventions on pain intensity: Systematic review and meta-analysis of randomized controlled trials. *J Am*

SCHOLARSHIP, HONOR, AND AWARD

ID	Awards	Year
1.	Outstanding researcher of Mahasarakham University	2021
2.	Outstanding researcher of Faculty of Pharmacy, Mahasarakham University	2019
3.	Visiting research assistance scholar, School of Pharmacy, Monash University Malaysia, Malaysia	2015-2016.
4.	Commission on Higher Education in Commission Staff Development Project for Ph.D. program, Thailand Research Fund	2008-2012.
5.	Commission on Higher Education in Commission Staff Development Project for Master Degree program, Thailand Research Fund	2004-2006
6.	Second class honors. Bachelor of Pharmacy (B. Pharm), Faculty of Pharmacy, Chiang mai University, 2004	2004

Online citation and bibliography

<https://scholar.google.com/citations?hl=th&user=gBwcCfwAAAAJ>

Scopus bibliography:

Ratree Sawangjit

<https://www.scopus.com/authid/detail.uri?authorId=57189385470>

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