

Nutthiya Hanprasertpong

PROFILE

Name : Nutthiya Hanprasertpong

Academic Position : Assistant Professor

Degree : Ph.D. (Pharmacology) from Chiang Mai University, Thailand

Office : Department of Pharmacology, Faculty of Medicine, Chiang Mai University
50200, THAILAND

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EDUCATION

| | | |
|------|---|---|
| 2014 | Doctor of Philosophy in Pharmacology | Faculty of Medicine, Chiang Mai University, Thailand |
| 2003 | Certification of Proficiency in Otorhinolaryngology | The Royal College of Otolaryngologists of Thailand and Thai Medical Council, Thailand |
| 1999 | Graduate Diploma in Clinical Science (Otolaryngology) | Faculty of Medicine, Chiang Mai University, Thailand |
| 1998 | Doctor of Medicine | Faculty of Medicine, Chiang Mai University, Thailand |

WORK EXPERIENCES

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|------|---------------------|--|
| 2016 | Assistant Professor | Department of Pharmacology, Faculty of Medicine, Chiang Mai University |
| 2002 | Lecturer | Department of Pharmacology, Faculty of Medicine, Chiang Mai University |
| 1999 | Physician | Department of Otolaryngology, Faculty of Medicine, Chiang Mai University |

FUNDING

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| 2024 | Phase 2, a randomized, double-blind, two-way crossover, placebo-controlled clinical trial of efficacy and safety of Mucuna pruriens extract in men with mild and mild to moderate erectile dysfunction | The Agricultural Research Development Agency (Public Organization) |
| 2023 | The Immunomodulatory activity of Triphala in middle-aged and elderly volunteers: A Randomized Placebo-Controlled Trial | Faculty of Medicine, Chiang Mai University |
| 2021 | Study of the Effect of Black Garlic on Coagulation in Healthy Volunteers | Science and Technology Park, Chiang Mai University |
| 2021 | Study of the Effect of Black Garlic on Immunity in Healthy Volunteers | Science and Technology Park, Chiang Mai University |
| 2020 | Efficacy and Safety of Triphala Remedy Versus Cetirizine in Mild Persistent Allergic Rhinitis: A Preliminary Study | Faculty of Medicine, Chiang Mai University |
| 2018 | Clinical Efficacy and Safety of Yellow Oil Formula 3 and 4 Versus Indomethacin Solution in Symptomatic Treatment of Osteoarthritis of Knee: A Randomized Controlled Study | Thai traditional medical knowledge fund |
| 2018 | Clinical Efficacy and Safety of Innovated Cream from Thai Medicinal Plants (Garcinia [®] /Arthrinox [®] /Bim A [®]) | Asian Pharmaceutical Co., Ltd. |

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| | Versus Diclofenac Gel in Symptomatic Treatment of Osteoarthritis of Knee | | |
| 2016 | Clinical efficiency and safety of Thai herbal recipe in patients with osteoarthritis of knee | Thai knowledge fund | traditional medical |
| 2013 | Clinical Efficiency and safety of the extract and spores of <i>Ganoderma lucidum</i> in patients with persistent allergic rhinitis | Thai knowledge fund | traditional medical |
| 2010 | Clinical efficiency and safety of the Longanoid cream in symptomatic treatment of knee osteoarthritis | Agricultural development organization) | research agency (public |
| 2007 | Antinociceptive, anti-inflammatory, and chondroprotective activities of <i>Cryptolepis buchanani</i> extract and the efficacy of its oil formulation in the symptomatic treatment of knee osteoarthritis | Center of innovation (PERCH-CIC) | excellence for chemistry |

PUBLICATION

1. Sittitrai P, Ruenmarkkaew D, Klibngern H, Ariyanon T, **Hanprasertpong N**, Boonyaprapa S, Sreesawat M. Perioperative versus postoperative calcium and vitamin D supplementation to prevent symptomatic hypocalcemia after total thyroidectomy: a randomized placebo controlled trial. *Int J Surg.* 2023 Jan 1;109(1):13-20. doi: 10.1097/JS9.000000000000192. PMID: 36799782.
2. Koonrungsomboon N, Churyen A, Teekachunhatean S, Sangdee C, **Hanprasertpong N**. A Randomized Controlled Trial of Thai Medicinal Plant-4 Cream versus Diclofenac Gel in the Management of Symptomatic Osteoarthritis

of the Knee. Evidence-Based Complementary and Alternative Medicine. 2022; 2022:8657000. doi: 10.1155/2022/8657000

3. Hirunsatitpron P, **Hanprasertpong N**, Noppakun K, Pruksakorn D, Teekachunhatean S, Koonrunksesomboon N. Mycophenolic acid and cancer risk in solid organ transplant recipients: Systematic review and meta-analysis. *Br J Clin Pharmacol*. 2021; 1- 14. <https://doi.org/10.1111/bcp.14979>
4. Jantrapirom S, Hirunsatitpron P, Potikanond S, Nimlamool W, **Hanprasertpong N**. Pharmacological Benefits of Triphala: A Perspective for Allergic Rhinitis. *Front Pharmacol*. 2021 Apr 30;12:628198. doi: 10.3389/fphar.2021.628198
5. Koonrunksesomboon N, Potikanond S, Teekachunhatean S, **Hanprasertpong N**. Unusual pharmacokinetic herb-drug interactions between turmeric crude extract and digoxin in male volunteers. *J Basic App Pharmacol [Internet]*. 2021 Dec. 31;1(1): 38-46.
6. Koonrunksesomboon N, Nopnithipat S, Teekachunhatean S, Chiranthanut N, Sangdee C, Chansakaow S, Tipduangta P, Hanprasertpong N. Clinical Efficacy and Safety of Thai Herbal Formulation-6 in the Treatment of Symptomatic Osteoarthritis of the Knee: A Randomized-Controlled Trial. *Evidence-Based Complementary and Alternative Medicine*. 2020; 2020:8817374. doi:10.1155/2020/8817374
7. Koonrunksesomboon N, Teekachunhatean S, Chansakaow S, Hanprasertpong N. Clinical Efficacy and Safety of Yellow Oil Formulations 3 and 4 versus Indomethacin Solution in Patients with Symptomatic Osteoarthritis of the Knee: A Randomized Controlled Trial. *Evidence-Based Complementary and Alternative Medicine*. 2020; 2020:5782178. doi:10.1155/2020/5782178
8. Sansai K, Na Takuathung M, Khatsri R, Teekachunhatean S, Hanprasertpong N, Koonrunksesomboon N. Effects of isoflavone interventions on bone mineral density in postmenopausal women: a systematic review and meta-analysis of

randomized controlled trials. *Osteoporos Int.* 2020 Oct;31(10):1853-1864. doi: 10.1007/s00198-020-05476-z.

9. Arpornchayanon W, Klinprung S, Techatoei S, Chansakaow S, **Hanprasertpong N**. Safety and tolerability of shallot oral supplement in patients with allergic rhinitis: A randomized pilot clinical trial. *Thai J Pharmacol*, 2019; 41(2): 5-15.
10. Arpornchayanon W, Klinprung S, Chansakaow S, **Hanprasertpong N**, Chaiyasate S, Tokuda M, et al. Antiallergic activities of shallot (*Allium ascalonicum* L.) and its therapeutic effects in allergic rhinitis. *Asian Pac J Allergy Immunol.* 2019 Aug 18. doi:10.12932/AP-300319-0529. [Epub ahead of print]
11. Temyingyong N, Koonrunsesomboon N, **Hanprasertpong N**, Na Takuathung M, and Teekachunhatean S. Effect of short-course oral ciprofloxacin on isoflavone pharmacokinetics following soymilk ingestion in healthy postmenopausal women. *Evidence-Based Complementary and Alternative Medicine.* 2019; 2019: 7192326. <https://doi.org/10.1155/2019/7192326>
12. Na Takuathung M, **Hanprasertpong N**, Teekachunhatean S, Koonrunsesomboon N. Impact of CYP1A2 genetic polymorphisms on pharmacokinetics of antipsychotic drugs: a systematic review and meta-analysis. *Acta Psychiatr Scand.* 2019 Jan;139(1): 15-25.
13. Koonrunsesomboon N, **Hanprasertpong N**, Potikanond S, Karbwang J, Teekachunhatean S. Divergent effects of turmeric crude extract on P-glycoprotein activity in healthy male subjects: a randomized crossover study. *J Med Assoc Thai* 2018; 101: 313-21.
14. Trakarnsilpa C, Arpornchayanon W, **Hanprasertpong N**, Fooanant S, Manorot M, Roongapinun S. Two-hour nasal responses after a single dose of ephedrine nasal spray in healthy males. *J Med Assoc Thai* 2017; 100(3): 358-64
15. **Hanprasertpong N**, Pantong A, Sangdee C, Kunanusorn P, Kasitanon N, Lhieochaiphant S, Teekachunhatean S. *Cryptolepis buchanani* oil formulation versus indomethacin solution in topical therapy for osteoarthritis of the knee: A randomized controlled trial. *Journal of Herbal Medicine*, Available online 25 January 2017, ISSN 2210-8033, <http://dx.doi.org/10.1016/j.hermed.2017.01.001>.

16. **Hanprasertpong N**, Warinruk J, Fooanant S, Rojanasthein N, Roongapinun S, Arpornchayanon W, Manorot M. Comparison of the efficacy of rupatadine with levocetirizine in patients with persistent allergic rhinitis. *Thai J Pharmacol* 2016; 38(2): 17-29
17. Koonrungsesomboon N, Teekachunhatean S, **Hanprasertpong N**, Laothavorn J, Na-Bangchang K, Karbwang J. Improved participants' understanding in healthy volunteer study using the SIDCER informed consent form: a randomized-controlled study. *European Journal of Clinical Pharmacology* 2016; 72: 413–21.
18. **Hanprasertpong N** and Sangdee C. Caffeine reduces risk of Parkinson's disease. *Thai J Pharmacol* 2014; 36(1): 45-62
19. **Hanprasertpong N**, Teekachunhatean S, Chaiwongsa R, Ongchai S, Kunanusorn P, Sangdee C, Panthong A, Bunteang S, Nathasaen N, Reutrakul V. Analgesic, anti-inflammatory, and chondroprotective activities of *Cryptolepis buchanani* extract: *in vitro* and *in vivo* studies. *BioMed Research International* 2014;2014: 978582. doi:10.1155/2014/978582.
20. Chirantanut N, **Hanprasertpong N**, Teekachunhatean, S. Thai massage, and Thai herbal compress versus oral ibuprofen in symptomatic treatment of osteoarthritis of the knee: a randomized controlled trial. *BioMed Research International* 2014;2014: 490512. doi: 10.1155/2014/490512.
21. Teekachunhatean S, **Hanprasertpong N**, Teekachunhatean T. Factors affecting isoflavone content in soybean seeds grown in Thailand. *Int J Agronomy* 2013;2013: 163573. doi:10.1155/2013/163573.
22. Chaiysate S, Roongrotwattanasiri K, **Hanprasertpong N**, Fooanant S. Normal smell identification score and N-butanol threshold in Thai adults. *J Med Assoc Thai* 2013 Mar; 96(3): 324-8
23. Rojanasthien N, Aunmuang S, **Hanprasertpong N**, Roongapinun S, Teekachunhatean S. Bioequivalence study of donepezil hydrochloride tablets in healthy male volunteers. *ISRN Pharmacology* 2012;2012: 527679. doi:10.5402/2012/527679.

24. Kongarin M, Manorot M, Rojanasthien N, Teekachunhatean S, Roongapinun S, **Hanprasertpong N**, Fooanant S. Comparison the efficacy between intranasal corticosteroids mometasone furoate with fluticasone furoate in persistent allergic rhinitis. *Thai J Pharmacol* 2011; 33(2): 46-50
25. **Hanprasertpong N**, Pantong A, Teekachunhatean S, Sangdee C, Kunanusorn P, Kasitanon N, Lhieochaiphunt S. The Efficacy of *Cryptolepis buchanani* oil formulation versus indomethacin solution in symptomatic treatment of osteoarthritis of knee. Oral presentation (Outstanding award), The 7th International Congress on Chemistry for Innovation (PERCH-CIC Congress VII), PERCH-CIC, Chonburi, May 2011
26. **Hanprasertpong N**, Pantong A, Teekachunhatean S, Sangdee C, Kunanusorn P, Kasitanon N, Lhieochaiphunt S. The Efficacy of *Cryptolepis buchanani* oil formulation versus indomethacin solution in symptomatic treatment of osteoarthritis of knee. Oral presentation (Outstanding award), RGJ Seminar Series LXXIV "From Basic Biomedical Research to Sustainable Development", RGJ, Chiang Mai, Sept. 2010
27. **Hanprasertpong N**, Pantong A, Ongchai S, Teekachunhatean S, Sangdee C, Kunanusorn P, Reutrakul V. Analgesic and anti-inflammatory activities of *Cryptolepis buchanani* in animal models and its chondroprotective effect *in vitro*. Poster session, The 6th International Congress on Chemistry for Innovation (PERCH-CIC Congress VI), PERCH-CIC, Chonburi, May 2009
28. Rojanasthien N, Khatsri R, **Hanprasertpong N**, Kunanusorn P. Bioequivalence study of the biosimilar recombinant human erythropoietin alpha (Renogen[®]) and Eprex[®] after subcutaneous administration. *Chiang Mai Med Bull* 2008; 47(3): 97-103
29. Roongapinun S, **Kraiwapant N**, Fooanant S. An analysis of nasal responses after house dust mites challenge in perennial allergic rhinitis. *Chiang Mai Med Bull* 2005; 44(4): 137-46

30. Roongapinun S, **Kraiwapant N**, Fooanan S. Onset of action, efficacy, and tolerability of laratadine, fexofenadine and cetirizine under nasal allergen challenge in perennial allergic rhinitis. *Thai J Pharmacol* 2004; 26(3): 201-9