

CURRICULUM VITAE

Personal information

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Educational qualifications

2015 – 2017 PhD. in Pharmacology, Department of Pharmacology, Faculty of Medicine, Chiang Mai University, Thailand

2010 – 2011 MSc. in Clinical Pharmacy, International Practice & Policy, School of Pharmacy, University of London (Currently: University College London (UCL) School of Pharmacy), UK

2009 – 2010 Graduate Diplomas in Biomedical Science and Scientific English Pharmacology, King's College London, UK

2003 – 2008 Bachelor of Pharmacy (Clinical Pharmacy), Faculty of Pharmacy, Chiang Mai University, Chiang Mai, Thailand

Professional qualifications

Registered Pharmacist License, the Pharmacy Council, Thailand

Professional experiences

2021 – Present Associate Professor at Department of Pharmacology, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand

2019 – 2021 Assistant Professor at Department of Pharmacology, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand

2017 – 2019 Lecturer at Department of Pharmacology, Faculty of Medicine, Chiang Mai University, Chiang Mai, Thailand

2012 – 2015 Lecturer at Department of Pharmaceutical Care, Faculty of Pharmacy, Chiang Mai University, Chiang Mai, Thailand

2011 – 2012 Clinical Pharmacist at Chiang Mai Ram Hospital, Chiang Mai, Thailand

2008 – 2009 Medical Representative at AstraZeneca (Thailand) Limited

Research experiences

1. Chaiyakunapruk, N; Saokaew, S; Permsuwan, U; Dilokthornsakul, P; **Na Takuathung, M**; Oderda, G; Suwankesawong, W. The Utilization of Pharmacovigilance Databases for the Safety of Health Products: A Systematic Review. 2014; 23:S1.p.442, Poster and “Spotlight Session” presentation at the 30th Anniversary International Conference on Pharmacoepidemiology & Therapeutic Risk Management (ICPE), October 24-27, 2014 at the Taipei International Convention Center, Taipei, Taiwan

2. **Mingkwan Na Takuathung**, Rujirat Pudwan, Nuttarika Solai, Bumnet Saengrut, Arintaya Phrommintikul. The effects of drug counseling on adherence to medication treatment in patients with acute coronary syndromes admitted to medical wards at Maharaj Nakorn Chiang Mai hospital. Poster presentation at Cardiac Network Forum 8th, February 16-19, 2016 at Diamond Plaza Hotel, Surat Thani, Thailand
3. Tidtha P, Somsri P, **Na Takuathung M**, Vongpaiboon P, Sirichanchuen B. Chemotherapy regimens and adverse drug reactions in colorectal cancer at Chemotherapy chemotherapy ward, Maharaj Nakorn Chiang Mai Hospital. Proceeding of ACCP-15th International conference, Bangkok, Thailand, June 24, 2015. p.219.
4. **Na Takuathung M**, Wongnoppavich A, Panthong A, Khonsung P, Chiranthanut N, Soonthornchareonnon N, and Sireeratawong S. Anti-psoriatic Effects of Wannachawee Recipe on TNF- α - and IFN- γ -Induced Inflammatory Cytokine production in HaCaT Human Keratinocytes. Poster presentation and oral presentation at 65th International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research (GA), Basel, Switzerland, Sep 3-7, 201.
5. **Na Takuathung M**; Klinjan P.; Sakuludomkan W.; Dukaew N.; Inpan R.; Kongta R.; Chaiyana W.; Teekachunhatean S.; Koonrunsesomboon N. Efficacy and Safety of the Genistein Nutraceutical Product Containing Vitamin E, Vitamin B3, and Ceramide on Skin Health in Postmenopausal Women: A Randomized, Double-Blind, Placebo-Controlled Clinical Trial. Oral presentation at 12th Joint Seminar on Biomedical Sciences, Kunming Medical University (KMU), October 18-21, 2023 at Kunming, Yunnan Province, China.
6. **Na Takuathung M**, Teekachunhatean S, Koonrunsesomboon N. Topical Genistein Nutraceutical Product. Poster presentation at 2023 Seoul International Invention Fair (SIIF), November 1-4, 2023 at COEX, Seoul, Korea. (Bronze Medal)
7. **Na Takuathung M**, Teekachunhatean S, Koonrunsesomboon N, Sunee Chansakaow, Pramote Tipduangta, Pratchaya Tipduangta, Wantida Chaiyana. Oral Isoflavone Nutraceuticals. Poster presentation at 49th International Exhibition of Inventions Geneva April 17-21, 2024 at PALEXPO, Geneva, Switzerland. (Gold Medal)
8. **Na Takuathung M**, Koonrunsesomboon N, Teekachunhatean S. Poster presentation at Japan Design, Idea and Invention Expo: JDIE 202, July 5-6, 2025 at Bellesalle Haneda Airport, Tokyo, Japan. (Gold Medal)

Research publications

1. **Na Takuathung M**, Wongnoppavich A., Pitchakarn P., Panthong A., Khonsung P., Chiranthanut N., et al. Effects of Wannachawee Recipe with Antipsoriatic Activity on Suppressing Inflammatory Cytokine Production in HaCaT Human Keratinocytes. *Evidence-Based Complementary and Alternative Medicine*. 2017: Article ID 5906539. Vol 2017:p.1-12. DOI: 10.1155/2017/5906539
2. Potikanond S, Sookkhee S, **Na Takuathung M**, Mungkornasawakul M, Wikan N, Smith DR and Nimlamool W. *Kaempferia parviflora* Exhibits Anti-cancer Activity Against Cervical Cancer HeLa Cells via Suppression of MAPK and PI3K/AKT Pathways, Inhibition of Migration and Invasion, and Induction of Apoptosis. *Frontiers in Pharmacology*. 8:630.p.1-12.doi: 10.3389/fphar.2017.00630
3. **Na Takuathung M**, Wongnoppavich A, Panthong A, Khonsung P, Chiranthanut N, Soonthornchareonnon N, and Sireeratawong S. Antipsoriatic effects of Wannachawee Recipe on imiquimod-induced psoriasis-like dermatitis in BALB/c mice. *Evidence-Based Complementary and Alternative Medicine*. 2018 Jan 24;2018:7931031. doi: 10.1155/2018/7931031.eCollection 2018.
4. Paramee S, Sookkhee S, Sakonwasun C, **Na Takuathung M**, Mungkornasawakul P, Nimlamool W, Potikanond S. Anti-cancer effects of *Kaempferia parviflora* on ovarian cancer SKOV3 cells. Anti-cancer effects of *Kaempferia parviflora* on ovarian cancer SKOV3 cells. *BMC Complementary and Alternative Medicine*. 2018 Jun 11;18(1):178. doi: 10.1186/s12906-018-2241-6.
5. **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 Psychiatrica Scandinavica*. 2019: 139: 15-25. doi: 10.1111/acps.12947
6. Temyingyong N, Koonrunsesomboon N, Hanprasertpong N, **Na Takuathung M**, Teekachunhatean S. Effect of Short-Course Oral Ciprofloxacin on Isoflavone Pharmacokinetics following Soy Milk

- Ingestion in Healthy Postmenopausal Women. *Evidence-Based Complementary and Alternative Medicine*. 2019 Apr11;2019:7192326. doi: 10.1155/2019/7192326.
7. Koonrunsesomboon N, Potikanond S, **Na Takuathung M**, Nimlamool W, Karbwang J. Informational needs for participation in bioequivalence studies: the perspectives of experienced volunteers. *European Journal of Clinical Pharmacology*. 2019 Nov;75(11):1575-1582. doi: 10.1007/s00228-019-02738-6.
 8. Phaosri M, Jantrapirom S, **Na Takuathung M**, Soonthornchareonnon N, Sireeratawong S, Buacheen P, Pitchakarn P, Nimlamool W and Potikanond S. *Salacia chinensis* L. Stem Extract Exerts Antifibrotic Effects on Human Hepatic Stellate Cells Through the Inhibition of the TGF- β 1-Induced SMAD2/3 Signaling Pathway." *International Journal of Molecular Sciences*. 2019 20(6314): 1-16. doi:10.3390/ijms20246314
 9. Hankittichai, P., Buacheen P, Pitchakarn P, **Na Takuathung M**, Wikan N, Smith DR, Potikanond S, Nimlamool W. *Artocarpus lakoocha* Extract Inhibits LPS-Induced Inflammatory Response in RAW 264.7 Macrophage Cells." *International Journal of Molecular Sciences*. 2020. 21(4). <https://doi.org/10.3390/ijms21041355>
 10. Sansai K, **Na Takuathung M**, Khatsri R, Teekachunhatean S, Hanprasertpong N, Koonrunsesomboon N. Effects of isoflavone interventions on bone mineral density in postmenopausal women: a systematic review and meta-analysis of randomized controlled trials. *Osteoporosis International*. 2020. 31, 1853–1864. <https://doi.org/10.1007/s00198-020-05476-z>
 11. Ruttanapattanakul J, Wikan N, Okonogi S, **Na Takuathung M**, Buacheen P, Pitchakarn P, Potikanond S, Nimlamool W. Boesenbergia rotunda extract accelerates human keratinocyte proliferation through activating ERK1/2 and PI3K/Akt kinases. *Biomedicine&Pharmacotherapy*,2021Jan;133:111002.doi: 10.1016/j.biopha.2020.111002
 12. TMGH-Global COVID-19 Collaborative: Tien Huy N, Minh Duc NT, Mohammed Alhady ST, Koonrunsesomboon N, Ruengorn C, Nochaiwong S, Kanjanarat P, **Na Takuathung M**, et. al. Perceived Stress of Quarantine and Isolation During COVID-19 Pandemic: A Global Survey. *Frontiers in Psychiatry*. 2021; 12:656664. doi: 10.3389/fpsyt.2021.656664
 13. TMGH-Global COVID-19 Collaborative: Minh Duc NT, Mohammed Alhady ST, Koonrunsesomboon N, Ruengorn C, Nochaiwong S, Kanjanarat P, **Na Takuathung M**, et. al. Psychological Impacts and Post-Traumatic Stress Disorder among People under COVID-19 Quarantine and Isolation: A Global Survey. *International Journal of Environmental Research and Public Health*. 2021, 18, 5719. <https://doi.org/10.3390/ijerph18115719>
 14. **Na Takuathung M**, Sakuludomkan W, Koonrunsesomboon N. The Impact of Genetic Polymorphisms on the Pharmacokinetics and Pharmacodynamics of Mycophenolic Acid: Systematic Review and Meta-analysis. *Clinical Pharmacokinetics*. 2021 Oct;60(10):1291-1302. doi: 10.1007/s40262-021-01037-7
 15. **Na Takuathung M**, Potikanond S, Sookkhee S, Mungkornasawakul P, Jearanaikulvanich T, Chinda K, Wikan N, Nimlamool W. Anti-psoriatic and anti-inflammatory effects of *Kaempferia parviflora* in keratinocytes and macrophage cells. *Biomedicine&Pharmacotherapy*. 2021; Nov;143:112229. doi: 10.1016/j.biopha.2021.112229
 16. **Na Takuathung M**, Sakuludomkan W, Teekachunhatean S, Koonrunsesomboon N. Characteristics and Research Techniques Associated with the Journal Impact Factor and Other Key Metrics in Pharmacology Journals. *Computation*. 2021,9,116. <https://doi.org/10.3390/computation9110116>
 17. O-chongpian P., **Na Takuathung M.**, Chittasupho C., Ruksiriwanich W., Chaiwarit T., Baipaywad P., Jantrawut P. Composite Nanocellulose Fibers-Based Hydrogels Loading Clindamycin HCl with Ca²⁺ and Citric Acid as Crosslinking Agents for Pharmaceutical Applications. *Polymers*. 2021, 13, 4423. <https://doi.org/10.3390/polym13244423>
 18. Sakuludomkan WM, **Na Takuathung M**, Dukaew N, Koonrunsesomboon N. Drug-Drug Interactions Between Mycophenolic Acid and Proton Pump Inhibitors: A Systematic Review and Meta-Analysis. *Therapeutic Drug Monitoring*. 2022;44(3):384-390. doi: 10.1097/FTD.0000000000000947
 19. Dukaew N, Sakuludomkan W, **Na Takuathung M**, Pruksakorn D, Punyodom W, Koonrunsesomboon N. Analysis of Study Designs and Primary Outcome Measures in Clinical Trials of Investigational Suture Materials. *Expert Review of Medical Devices*. 2022;19(3):247-258. doi: 10.1080/17434440.2022.2054333
 20. **Na Takuathung M**, Jaijoy K, Soonthornchareonnon N, Sireeratawong S. Anti-inflammatory, Antinociceptive, and Antitumorigenesis Activities of *Terminalia Bellerica* (Gaertn.) Roxb. in Animal Models. *Natural Product Communications*. April 2022; 17(4): 1-13. doi:10.1177/1934578X221089996
 21. **Na Takuathung M.**; Sakuludomkan, W.; Khatsri, R.; Dukaew, N.; Kraivisitkul, N.; Ahmadmusa, B.; Mahakkanukrauh, C.; Wangthaweessap, K.; Onin, J.; Srichai, S.; Buawangpong, N.;

- Koonrungsesomboon, N. Adverse Effects of Angiotensin-Converting Enzyme Inhibitors in Humans: A Systematic Review and Meta-Analysis of 378 Randomized Controlled Trials. *International Journal of Environmental Research and Public Health*. 2022, 19, 8373. <https://doi.org/10.3390/ijerph19148373>
22. Tan B, Chiranthanut N, Chansakaow S, Sireeratawong S, Khonsung P, Nimlamool W, **Na Takuathung M**, Lertprasertsuke N. Anti-inflammatory effects of Pikad Tri-phol-sa-mut-than remedy, consisting of dried fruits of *Aegle marmelos* (L.) Corrêa, *Coriandrum sativum* L., and *Morinda citrifolia* L. *Journal of Ethnopharmacology*. 2022 Nov 15;298:115639. doi: 10.1016/j.jep.2022.115639.
 23. **Na Takuathung M**, Klinjan, P.; Sakuludomkan, W.; Dukaew, N.; Inpan, R.; Kongta, R.; Chaiyana, W.; Teekachunhatean, S.; Koonrungsesomboon, N. Efficacy and Safety of the Genistein Nutraceutical Product Containing Vitamin E, Vitamin B3, and Ceramide on Skin Health in Postmenopausal Women: A Randomized, Double-Blind, Placebo-Controlled Clinical Trial. *Journal of Clinical Medicine*. **2023**, 12, 1326. <https://doi.org/10.3390/jcm12041326>
 24. Chittasupho, C.; Athikomkulchai, S.; Samee, W.; **Na Takuathung M**; Yooi, W.; Sawangrat, K.; Saenjum, C. Phenylethanoid Glycoside-Enriched Extract Prepared from *Clerodendrum chinense* Leaf Inhibits A549 Lung Cancer Cell Migration and Apoptosis Induction through Enhancing ROS Production. *Antioxidants*. 2023, 12, 461. <https://doi.org/10.3390/antiox12020461>
 25. Dukaew N, **Na Takuathung M**, Sakuludomkan W, Chairaksa K, Klinjan P, Morakote N, and Koonrungsesomboon N. Regulatory compliance and readability of informed consent forms in industry-sponsored drug development clinical trials. *Clinical Trials*. 2023;0(0). doi:10.1177/17407745231174528.
 26. Dukaew N, Thongkumkoon P, Sirikaew N, Dissook S, Sakuludomkan W, Tongjai S, Thiennimitr P, **Na Takuathung M**, Benjanuwattra J, Kongthaweeert P, Koonrungsesomboon N. Gut Microbiota-Mediated Pharmacokinetic Drug-Drug Interactions between Mycophenolic Acid and Trimethoprim-Sulfamethoxazole in Humans. *Pharmaceutics*. 2023; 15(6):1734. <https://doi.org/10.3390/pharmaceutics15061734>
 27. **Na Takuathung M**, Wongnoppavich A, Jaijoy K, Soonthornchareonnon N, Sireeratawong S. Antioxidant and Antitumorogenic Activities of the Standardized Water Extract from Fruit of *Terminalia chebula* Retz. var. *chebula*. *Natural Product Communications*. 2023; 18(6): 1-12. DOI:10.1177/1934578X231176925
 28. Phattraprayoon N, Ungtrakul T, **Na Takuathung M**. Benefits and Harms of Gastric Suction or Lavage at Birth for Gastrointestinal Outcomes: A Systematic Review and Meta-analysis. *PLoS One*. 2023; 18(7): 1-13. e0288398. <https://doi.org/10.1371/journal.pone.0288398>
 29. Tan B, Chiranthanut N, Chansakaow S, Sireeratawong S, Khonsung P, Nimlamool W, **Na Takuathung M**, Lertprasertsuke N. Gastroprotective effects of Pikad Tri-phol-sa-mut-than herbal remedy on multiple gastric ulcer models in rats. *Heliyon*. 2023 Aug 19;9(8):e19297. doi:10.1016/j.heliyon.2023.e19297.
 30. Issaro N, Kongkaew A, Jittmittraphap A, Leaungwutiwong P, Nimlamool W, **Na Takuathung M**. Expression of polyprotein and 3D polymerase protein in Sf9 cells and immunogenicity against enterovirus A71B5 (Thailand strain). *Journal of Applied Pharmaceutical Science*. 2023; 13(09): 027-036. <http://doi.org/10.7324/JAPS.2023.93192>
 31. Khamnuan S, Phrutivorapongkul A, Pitchakarn P, Buacheen P, Karinchai J, Chittasupho C, **Na Takuathung M**, Theansungnoen T, Thongkhao K, Intharuksa A. The Identification and Cytotoxic Evaluation of Nutmeg (*Myristica fragrans* Hoult.) and Its Substituents. *Foods*. 2023; 12(23):4211. <https://doi.org/10.3390/foods12234211>
 32. Chittasupho C, Samee W, **Na Takuathung M**, Okonogi S, Nimkulrat S, Athikomkulchai S. *Clerodendrum chinense* Stem Extract and Nanoparticles: Effects on Proliferation, Colony Formation, Apoptosis Induction, Cell Cycle Arrest, and Mitochondrial Membrane Potential in Human Breast Adenocarcinoma Breast Cancer Cells. *International Journal of Molecular Sciences*. 2024; 25(2):978. <https://doi.org/10.3390/ijms25020978>
 33. **Na Takuathung M**, Klinjan P, Koonrungsesomboon N. A systematic review and meta-analysis of animal and human studies demonstrates the beneficial effects of *Kaempferia parviflora* on metabolic syndrome and erectile dysfunction. *Nutrition Research*. 2024; 122: 80-9. <https://doi.org/10.1016/j.nutres.2023.12.001>
 34. **Na Takuathung M**, Teekachunhatean S, Chansakaow S, Klinjan P, Inpan R, Kongta N, Tipduangta P, Tipduangta P, Dukaew N, Sakuludomkan C, Koonrungsesomboon N. The effects of SOY extract nutraceuticals on postmenopausal women's health: A randomized, double-blind, placebo-controlled trial. *Journal of Functional Foods*. 2024; 113(106055): 1-9. <https://doi.org/10.1016/j.jff.2024.106055>

35. Inpan R, **Na Takuathung M**, Sakuludomkan W, Dukaew N, Teekachunhatean S, Koonrunksesomboon N. Isoflavone intervention and its impact on bone mineral density in postmenopausal women: a systematic review and meta-analysis of randomized controlled trials. *Osteoporosis International*. 2024; 35(3): 413-430. <https://doi.org/10.1007/s00198-023-06944-y>
36. Taychaworaditsakul W, Saenjum C, Lumjuan N, Chawansuntati K, Sawong S, Jaijoy K, **Na Takuathung M**, Sireeratawong S. Safety of Oral *Carica papaya* L. Leaf 10% Ethanol Extract for Acute and Chronic Toxicity Tests in Sprague Dawley Rats. *Toxics*. 2024; 12(3):198. <https://doi.org/10.3390/toxics12030198>
37. Inpan R, Sakuludomkan C, **Na Takuathung M**, Koonrunksesomboon N. Network Pharmacology Revealing the Therapeutic Potential of Bioactive Components of Triphala and Their Molecular Mechanisms against Obesity. *International Journal of Molecular Sciences*. 2024; 25(19):10755. <https://doi.org/10.3390/ijms251910755>
38. Koonrunksesomboon N, Sakuludomkan C, **Na Takuathung M**, Klinjan P, Sawong S, Perera PK. Study design of herbal medicine clinical trials: a descriptive analysis of published studies investigating the effects of herbal medicinal products on human participants. *BMC Complementary Medicine and Therapies*. 2024; 24(391). <https://doi.org/10.1186/s12906-024-04697-7>
39. Inpan R, Dukaew N, **Na Takuathung M**, Teekachunhatean S, Koonrunksesomboon N. Effects of isoflavone interventions on bone turnover markers and factors regulating bone metabolism in postmenopausal women: a systematic review and meta-analysis of randomized controlled trials. *Archives of Osteoporosis*. 2025; 20(2): 1-20. <https://doi.org/10.1007/s11657-024-01467-3>
40. Intharuksa A, Arunotayanun W, **Na Takuathung M**, Boongla Y, Chaichit S, Khamnuan S, Prasansuklab A. Therapeutic Potential of Herbal Medicines in Combating Particulate Matter (PM)-Induced Health Effects: Insights from Recent Studies. *Antioxidants*. 2025; 14(1):23. <https://doi.org/10.3390/antiox14010023>
41. Phattraprayoon N, Tan B, **Na Takuathung M**. Efficacy of pulmonary surfactant with budesonide in premature infants: A systematic review and meta-analysis. *PLOS ONE*. 2025; 20(1): e0312561. <https://doi.org/10.1371/journal.pone.0312561>
42. Kraivisitkul N, Noppakun K, Sakuludomkan C, Jirawattanapong S, Kwangsukstith S, Dukaew N, Suyayai N, **Na Takuathung M**, Koonrunksesomboon N. The association between serum tacrolimus concentrations and BK viruria in kidney transplant recipients. *Scientific Reports*. 2025; 15, 2872. <https://doi.org/10.1038/s41598-025-86465-2>
43. **Na Takuathung M**, Noppakun K, Sakuludomkan C, Dukaew N, Chailungkar N, Suyayai N, Koonrunksesomboon N. Assessing drug-drug interactions of Tacrolimus with Fluconazole and/or Verapamil and developing the predictive model for Tacrolimus concentrations in kidney transplant recipients. *Transplantation Reports*. 2025; 10(2):100175: 1-5. <https://doi.org/10.1016/j.tpr.2025.100175>
44. Dukaew N, Klinjan P, Inpan R, **Na Takuathung M**, Jiranusornkul S, Chaichit S, Taychaworaditsakul W, Aisara J, Karat W, Koonrunksesomboon N. Effects of the colostrum-containing multi-nutrient dietary supplement on immune, muscle, bone, and cognitive function parameters in the elderly: A randomized, double-blind, placebo-controlled trial. *Journal of Functional Foods*. 2025; 128:106816: 1-11. <https://doi.org/10.1016/j.jff.2025.106816>
45. **Na Takuathung M**, Settakorn K, Aisara J, Dukaew N, Inpan R, Chitphan J, Klinjan P, Kantasa T, Yaja K, Karat W, Koonrunksesomboon N. Effects of the Longan pulp and seed extract beverage product on bone turnover markers, lipid profiles, glycemic markers, and safety profiles in the elderly: A randomized, double-blind, placebo-controlled trial. *Journal of Functional Foods*. 2025; 129:106887: 1-10. <https://doi.org/10.1016/j.jff.2025.106887>
46. Dukaew N, Noppakun K, Thongkumkoon P, **Na Takuathung M**, Inpan R, Kongta N, Suyayai N, Manoree C, Koonrunksesomboon N. Associations between the gut microbiota and the metabolism rate of tacrolimus in kidney transplant recipients during the early posttransplant period. *Archives of Pharmacal Research*. 2025; <https://doi.org/10.1007/s12272-025-01549-x>
47. Sakuludomkan C, Khowsathit J, Thipraphan P, Koonrunksesomboon N, **Na Takuathung M**, Taychaworaditsakul W. Network Pharmacology and Molecular Docking-Based Approach to Explore Potential Bioactive Compounds from *Kaempferia parviflora* on Chemokine Signaling Pathways in the Treatment of Psoriasis Disease. *International Journal of Molecular Sciences*. 2025; 26(11):5243. <https://doi.org/10.3390/ijms26115243>
48. Rayanakorn A, Apsitwittaya P, Lee Shaun WH, Yaja K, Inpan R, **Na Takuathung M**, Koonrunksesomboon N. The effects of kratom (*Mitragyna speciosa*) on metabolic syndrome-related

- parameters: a systematic review and meta-analysis. *Frontiers in Pharmacology*. 2025; 16(1587528): 1-11. <https://doi.org/10.3389/fphar.2025.1587528>
49. Kantasa T, Yeerong K, Klinjan P, **Na Takuathung M**, Settakorn K, Chuamanochan M, Tovanabutra N, Ampasavate C, Koonrunsesomboon N. Therapeutic Potential of Curcumin and Novel Formulations in Psoriasis Treatment: Evidence and Future Prospects. *Drug Design, Development and Therapy*. 2025;19:5387-5414. <https://doi.org/10.2147/DDDT.S520555>
 50. Anantaworasakul P, Preedalikit W, Anantaworasakul P, Singh S, Intharuksa A, Arunotayanun W, **Na Takuathung M**, Yotsawimonwat S, Chittasupho C. Phytochemical Characterization, Bioactivities, and Nanoparticle-Based Topical Gel Formulation Development from Four *Mitragyna speciosa* Varieties. *Gels*. 2025; 11(7):494. <https://doi.org/10.3390/gels11070494>
 51. Intharuksa A, Arunotayanun, W, **Na Takuathung M**, Chaichit S, Prasansuklab A, Chaikhong K, Sirichanchuen B, Chupradit S, Koonrunsesomboon N. Daidzein and Genistein: Natural Phytoestrogens with Potential Applications in Hormone Replacement Therapy. *International Journal of Molecular Sciences*. 2025; 26(14), 6973. <https://doi.org/10.3390/ijms26146973>
 52. **Na Takuathung M**, Aisara J, Sawong S, Koonrunsesomboon N. The effects of *Cissus quadrangularis* on bone-related biomarkers in humans: a systematic review and meta-analysis. *BMC Complementary Medicine and Therapies*. 2025; 25(286), 1-10. <https://doi.org/10.1186/s12906-025-04995-8>
 53. Yeerong K, Ampasavate C, Rayanakorn A, Chuamanochan M, Tovanabutra N, **Na Takuathung M**, Koonrunsesomboon N. Skin evaluation of turmeric/epigallocatechin-3-gallate emulgel for skin irritation and sensitisation effects in healthy Thai participants (TULIP): a protocol for a randomised, double-blind, placebo-controlled trial. *BMJ Open*. 2025;15:e103571. doi: 10.1136/bmjopen-2025-103571
 54. Settakorn K, Inpan R, **Na Takuathung M**, Koonrunsesomboon N. Effects of Ellagic Acid on Lipid Profiles, Fat Weight, and Anthropometric Parameters in Metabolic Syndrome: A Systematic Review and Meta-analysis of Animal and Human Studies. *Nutrition Reviews*. 2025; 00(00), 1-11. <https://doi.org/10.1093/nutrit/nuaf159>
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