

CURRICULUM VITAE



Associate Professor Dr. Kornkanok INGKANINAN

Director of Center of Excellence in Cannabis Research (NU-CAN)
Department of Pharmaceutical Chemistry and Pharmacognosy
Faculty of Pharmaceutical Sciences, Naresuan University,
Phitsanulok 65000, Thailand

Education

- 2000: PhD from Division of Pharmacognosy, Leiden University, The Netherlands
- 1994: MPharm (Pharmacognosy) from Chulalongkorn University, Thailand
- 1990: BPharm. from Chulalongkorn University, Thailand

Area of Research

- Research and development of Natural Health Products
- Lead finding from natural sources such as AChE inhibitors, PDE-5 inhibitors, antioxidant and antiandrogen
- Phytochemical analysis and quality control of herbal medicines
- Cannabis research for medical purposes

Awards

- Naresuan University Research Award 2005, 2009, 2011
- NRCT research award 2014. "The research and development of Brahmi for memory improvement"
- Pharmacist Outstanding Award for the Works on Natural Products 2019 from The Pharmaceutical Association of Thailand Under Royal Patronage.
- Outstanding Research and Innovation Award 2019 The research and development of Brahmi for memory improvement" from The National Research Council of Thailand.

Technology transfer experience:

- "Brahmi Food Supplement" to Governmental Pharmaceutical organization (GPO) in 2011.
- "Hair Growth Promotion Products containing Curcuma aeruginosa extract" to SiamNawatra Co Ltd. in 2016.
- "Anti-cellulite Herbal Compress" to Chaopraya Apaiphubet Hospital Foundation in 2019.

Publications

Publications in International journals 149; Scopus citations 3408; Scopus h-index 30

5 recent publication are listed as follows

1. Saesong T, Allard PM, Queiroz EF, Marcourt L, Nuengchamng N, Temkitthawon P, Khorana N, Wolfender JL, Ingkaninan K. (2019) Discovery of Lipid Peroxidation Inhibitors from Bacopa Species Prioritized through Multivariate Data Analysis and Multi-Informative Molecular Networking. *Molecules*. 2019 Aug 17;24(16). pii: E2989. doi: 10.3390/molecules24162989.
2. Rabgay K, Waranuch N, Chaiyakunapruk N, Sawangjit R, Ingkaninan K, Dilokthornsakul P. (2019) 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*. Sep 5. pii: S1544-3191(19)30353-X. doi: 10.1016/j.japh.2019.07.015.
3. Wongwad E, Ingkaninan K, Wisuitiprot W, Sritularak B, Waranuch N. Thermal degradation kinetics and pH-rate profiles of iriflophenone 3,5-C- β -d-diglycoside, iriflophenone 3-C- β -d-glucoside and mangiferin in *Aquilaria crassna* leaf extract. (2020) *Molecules*. Oct 23;25(21):4898. doi: 10.3390/molecules25214898.
4. Ngamdokmai N, Paracha TU, Waranuch N, Chootip K, Wisuitiprot, W, Suphrom N, Insumrong K, Jampachaisri K, Scholfield CN and Ingkaninan K (2021) Effects of essential oils and some constituents from ingredients of anti-cellulite herbal compress on 3T3-L1 adipocytes and rat aortae. *Pharmaceuticals*. 14(3), 253; <https://doi.org/10.3390/ph14030253>
5. Ngamdokmai N, Waranuch N, Chootip K, Jampachaisri K, Jampachaisri K, Scholfield CN and Ingkaninan K (2021) Efficacy of an anti-cellulite herbal emgel: a randomized clinical trial. *Pharmaceuticals*. 14(3), 683; <https://doi.org/10.3390/ph14070683>