

## Curriculum vitae

**Name-Surname** Ms PANYADA PANYATIP  
**Academic position** -  
**Office address** Department of Pharmacognosy, Faculty of Pharmacy, Srinakharinwirot University 63 Moo 7, Rangit-Nakhon-nayok Rd., Ongkharak, Nakhon-nayok, 26120 Thailand  
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### Education

Degree	Major	University	Year
Bachelor of Pharmacy (First class honors)	Pharmacy	Faculty of Pharmaceutical Sciences, Khon Kaen University	2013
Master of Pharmacy	Pharmaceuticals	Faculty of Pharmaceutical Sciences, Khon Kaen University	2016
Doctor of Philosophy	Research and Development of Pharmaceuticals	Faculty of Pharmaceutical Sciences, Khon Kaen University	2020

### Research areas

Natural product chemistry, Extraction and identification of purified natural products, Biological evaluation (antioxidant and the activities related to Alzheimer's disease), Structural modification of the drug, Prediction of pharmacokinetic properties of drug candidate *in silico*

## Publications (last 5 years)

### 1. International Publications

- 1.1 **Panyatip, P.**, Padumanonda, T., Yongram, C., Kasikorn, T., Sungthong, B., & Puthongking, P. Impact of Tea Processing on Tryptophan, Melatonin, Phenolic and Flavonoid Contents in Mulberry (*Morus alba* L.) Leaves: Quantitative Analysis by LC-MS/MS. *Molecules*. 2022, 27(15), 4979.
- 1.2 Yongram, C., **Panyatip, P.**, Siriparu, P., Ratha, J., Sungthong, B., Tadtong, S., & Puthongking, P. Influence of Maturity Stage on Tryptophan, Phenolic, Flavonoid, and Anthocyanin Content, and Antioxidant Activity of *Morus alba* L. Fruit. *Rasayan Journal of Chemistry*. 2022, 15(3), 1693-1701.
- 1.3 Sungthong B., Sithon K., **Panyatip P.**, Tadtong S., Nunthaboot N., Puthongking P. Quantitative Analysis and *In Silico* Molecular Docking Screening for Acetylcholinesterase Inhibitor and ADME Prediction of Coumarins and Carbazole Alkaloids from *Clausena harmandiana*. *Records of Natural Products*. 2022, 16(4), 358-369.
- 1.4 Sangchart P., **Panyatip P.**, Damrongrungruang T., Priprem A., Mahakunakorn P., Puthongking P. Anti-Inflammatory Comparison of Melatonin and Its Bromobenzoylamide Derivatives in Lipopolysaccharide (LPS)-Induced RAW 264.7 Cells and Croton Oil-Induced Mice Ear Edema. *Molecules*. 2021, 26(14), 4285.
- 1.5 **Panyatip, P.**, Tadtong, S., Sousa, E., Puthongking, P. BACE1 Inhibitor, Neuroprotective, and Neuritogenic Activities of Melatonin Derivatives. *Scientia Pharmaceutica*. 2020, 88(4), 58.
- 1.6 **Panyatip, P.**, Nunthaboot, N., Puthongking, P. *In Silico* ADME, Metabolism Prediction and Hydrolysis Study of Melatonin Derivatives. *International Journal of Tryptophan Research*. 2020, 13, 1-7.
- 1.7 Damrongrungruang, T., Panpitakkul, P., Somudorn, J., Sangchart, P., Mahakunakorn, P., Uthaiwat, P., Daduang, J., **Panyatip, P.**, Puthongking, P., Priprem, A. Glutaryl melatonin niosome gel for topical oral mucositis: anti-inflammatory and anticandidiasis. *Current Drug Delivery*. 2020, 17, 195-206.

- 1.8 **Panyatip, P.**, Johns, N.P., Priprem, A., Nakagawa, K., Puthongking, P. Effect of *N*-amide substitution on antioxidative activities of melatonin derivatives. *Scientia Pharmaceutica*. 2020, 88, 3.

## 2. National Publications

- 2.1 Sithon K., **Panyatip P.**, Puthongking P. To Study the Molecular Interaction between Acetylcholinesterase Enzymes and the Isolated Compounds from *Clausena Harmandiana* by Molecular Docking Technique. *EAU Heritage Journal Science and Technology*. 2021, 15, 62-74.
- 2.2 Kasikorn, T., **Panyatip, P.**, Yongram, C., Dokkiang, O., Sungthong, B., Puthongking, P. The antioxidant activities, total phenolic, flavonoid and melatonin contents of five cultivars of mulberry leaves. *Journal of Thai Traditional and Alternative Medicine*. 2019, 17, 428-436.