

SUPHATTRA SANGMALEE

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EDUCATION

2015- 2020

PhD in Biological Science, Faculty of Life Science, University of Bristol, England

PhD's thesis - Attempts to enhance production of pleuromutilin via heterologous expression of the pleuromutilin biosynthesis gene cluster in various host systems

2009-2012

MSc in Pharmacy, Chulalongkorn University, Thailand

Master's Thesis - "Yeast cell-based assay of topoisomerase II inhibitory activity of Thai medicinal plants". Jointly funded by Chulalongkorn University and the Thailand Research Fund – Master Research Grants (TRF-MAG).

2004-2009

BSc in Pharmacy (Hons) 2:1, Khon Kaen University, Thailand

Final year dissertation - "Production of dicentrine in suspension culture and somatic embryo of *Stephania suberosa*". This work won a poster presentation award in the First Annual Northeast Pharmacy Research Conference at Khon Kaen University, Thailand.

RESEARCH AND TEACHING EXPERIENCES

2015-2019

Demonstrator at School of Biological Science, Faculty of Life Science, University of Bristol, England

2014

Research Assistant at Department of Veterinary Microbiology, Faculty of Veterinary Science, Chulalongkorn University, Thailand

2011

Teaching Assistant at Department of Pharmacognosy and Pharmaceutical Botany, Faculty of Pharmaceutical Sciences, Chulalongkorn University, Thailand

2008-2009

Internship at Nagasaki International University, Japan (three months exchange program)

Worked on a 3-month research project on "Detection of paeoniflorin and albiflorin by immunostaining technique using anti-paeoniflorin monoclonal antibody" with Dr. Osamu Morinaga. This work resulted in a paper on which I was a named contributor (*see publications*).

PUBLICATIONS

- **Sangmalee, S.**, Laorpaksa, A., Sritularak, B., & Sukrong, S. (2016). Bioassay-Guided Isolation of Two Flavonoids from *Derris scandens* with Topoisomerase II Poison Activity. *Biological & pharmaceutical bulletin*, 39(4), 631–635. <https://doi.org/10.1248/bpb.b15-00767>
- Cheun-Arom, T., Temeeyasen, G., Srijangwad, A., Tripipat, T., **Sangmalee, S.**, Vui, D. T., Chuanasa, T., Tantituvanont, A., & Nilubol, D. (2015). Complete Genome Sequences of Two Genetically Distinct Variants of Porcine Epidemic Diarrhea Virus in the Eastern Region of Thailand. *Genome announcements*, 3(3), e00634-15. <https://doi.org/10.1128/genomeA.00634-15>
- Morinaga, O., Lu, Z., Lin, L., Uto, T., **Sangmalee, S.**, Putalun, W., Tanaka, H. & Shoyama, Y. (2013). Detection of Paeoniflorin and Albiflorin by Immunostaining Technique Using Anti-Paeoniflorin Monoclonal Antibody. *Phytochemical Analysis*, 24: 124-128. doi:10.1002/pca.2389
- **Sangmalee, S.**, Laorpaksa, A., & Sukrong, S. (2012). A topoisomerase II poison screen of ethnomedicinal Thai plants using a yeast cell-based assay. *Journal of ethnopharmacology*, 142(2), 432–437. <https://doi.org/10.1016/j.jep.2012.05.013>