

**Name:** Asst.Prof. Pakawadee Sermsappasuk  
**Office:** Faculty of Pharmaceutical Sciences, Naresuan University, Thailand  
**E – mail** Spakawadee@gmail.com

**Education**

Year		University
2007	Ph. D. in Pharmacokinetics (Pharmacokinetic/pharmacodynamic modeling in isolated heart)	Faculty of Medicine, Martin Luther University Halle-Wittenberg, Germany
2000	Master of Science (Clinical Pharmacy) (PHARMACEUTICAL EQUIVALENCE AND BIOEQUIVALENCE STUDIES OF 100 MG SUSTAINED RELEASE DICLOFENAC SODIUM TABLET)	Faculty of Pharmacy, Mahidol University, Thailand
1997	B.Sc. in Pharmacy	Faculty of Pharmacy, Mahidol University, Thailand

## Research publication

- 1: Sermsappasuk P, Weiss M. Modelling of alpha1-adrenoceptor-mediated temporal dynamics of inotropic response in rat heart to assess ligand binding and signal transduction parameters. *Br J Pharmacol.* 2009 Mar;156(5):764-73.
- 2: Sermsappasuk P, Hrynyk R, Gubernator J, Weiss M. Reduced uptake of liposomal idarubicin in the perfused rat heart. *Anticancer Drugs.* 2008 Aug;19(7):729-32.
- 3: Sermsappasuk P, Abdelrahman O, Weiss M. Cardiac pharmacokinetics and inotropic response of verapamil in rats with endotoxemia. *J Pharm Sci.* 2008 Jul;97(7):2798-804.
- 4: Sermsappasuk P, Abdelrahman O, Weiss M. Modeling cardiac uptake and negative inotropic response of verapamil in rat heart: effect of amiodarone. *Pharm Res.* 2007 Jan;24(1):48-57.
- 5: Sermsappasuk P, Baek M, Weiss M. Kinetic analysis of myocardial uptake and negative inotropic effect of amiodarone in rat heart. *Eur J Pharm Sci.* 2006 Jun;28(3):243-8.
- 6: Weiss M, Hassna R, Sermsappasuk P, Bednarek T. Pharmacokinetic-pharmacodynamic modeling of the effect of propofol on [alpha]1-adrenoceptor-mediated positive inotropy in rat heart. *Eur J Pharm Sci.* 2009 Nov 5;38(4):389-94.
- 7: Weiss M, Sermsappasuk P, Siegmund W. Modeling the kinetics of digoxin absorption: enhancement by P-glycoprotein inhibition. *J Clin Pharmacol.* 2012 Mar;52(3):381-387.
- 8: Sermsappasuk P, Chaiyakunapruk N, Lohitnavy M, Kitiyakara C. Assessing clinical evidence of drug interactions between citrus juices and cyclosporine. *Asian Biomedicine.* 2013;7(4):477-89.
9. Anlamlert, W., et al., Pomelo enhances cyclosporine bioavailability in healthy male Thai volunteers. *J Clin Pharmacol*, 2015. 55(4): p. 377-83.
10. Weiss, M., P. Sermsappasuk, and W. Siegmund, Modeling the heterogeneous intestinal absorption of propiverine extended-release. *Eur J Pharm Sci*, 2015. 76: p. 133-7.
11. ภัคทวี เสริมสรรพสุข ทูเรียน: ข้อเท็จจริงทางเภสัชวิทยาและเภสัชวิทยา สงขลานครินทร์เวชสาร ปีที่ ๓๑ ฉบับที่ ๒ ๒๕๕๖ หน้า ๘๓-๙๐

12. Anlamlert W, Sermsappasuk P. Pomegranate Juice does not Affect the Bioavailability of Cyclosporine in Healthy Thai Volunteers. *Curr Clin Pharmacol*. 2020. Jan 10. doi: 10.2174/1574884715666200110153125.

13. Pensomboon P, Charoenwong N, Towiwat P, Sermsappasuk P. Effect of the Dosing Interval for Oral Dosage Regimens of Methotrexate on the Probability of Target Attainment in Rheumatoid Arthritis Patients using Monte Carlo Simulation. *Thai J Pharmacol*. 2020. 42(1): p. 20-35.

14. Nimtrakul P, Sermsappasuk P, Tiyaboonchai W. Strategies to enhance oral delivery of amphotericin B: a comparison of uncoated and enteric-coated nanostructured lipid carriers. *Drug Deliv*. 2020;27(1):1054-1062. doi:10.1080/10717544.2020.1785050

15. Jaisue S, Pongsakul C, D'Argenio D, Sermsappasuk P. Population Pharmacokinetic Modeling of Vancomycin in Thai Patients with Heterogenous and Unstable Renal Function. *Therapeutic Drug Monitoring*. 2020 (Accept)