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Education background:

Year	Degree/Certificate	Institution	Country
2002	B.Sc. (Medical Technology)	Mahidol University	Thailand
2007	M.Sc. (Medical Technology)	Mahidol University	Thailand
2011	Ph.D. (Microbiology)	Prince of Songkla University	Thailand

Research and work experiences:

- 2011-present Lecturer, Division of Biological Science (Microbiology), Faculty of Science, Prince of Songkla University, Thailand.
- 2007 Research assistant, Department of Microbiology, Faculty of Medical Technology, Mahidol University, Thailand.
- 2003-2004 Medical Technologist, Thailand–USA collaboration (TUC), AIDS, TB, STI and Leprosy Section, The Office of Disease Prevention and Control 7th Ubonratchathani, MOPH, Thailand.
- 2002-2003 Medical Technologist, Central Laboratory, Suppasitthiprasong Hospital, Ubonratchathani, Thailand.

Publications:

1. Puntarut J, **Sianglum W**, Tanasawet S, Chonpathompikunlert P, and Sukketsiri W. 2020. Anti-inflammatory Effect of Tamarind Seed Coat Extract against LPS-Induced RAW264.7 Macrophages. *Sains Malaysiana* 49:1303-1312.

2. Issarachot P, Sangkaew W, **Sianglum W,** Saeloh D, Limsuwan S, Voravuthikunchai SP, and Joycharat N. 2019. alpha-Glucosidase inhibitory, antibacterial, and antioxidant activities of natural substances from the wood of *Derris reticulata* Craib. *Nat Prod Res*:1-8. 10.1080/14786419.2019. 1678610.

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4. Mitsuwan W, Jiménez-Munguía I, Visutthi M, **Sianglum W**, Group RGS, Rodriguez-Ortega MJ and Voravuthikunchai SP. 2019. Rhodomyrtone decreases *Staphylococcus aureus* SigB activity during exponentially growing phase and inhibits haemolytic activity within membrane vesicles. *Microb Pathog* 128: 112-118.

5. Muangngam K, Joycharat N, and **Sianglum W**. 2018. Synergistic effect of lupinifolin in combination with ethylenediaminetetraacetic acid against Gram-negative pathogenic bacteria. The Proceedings of Suratthani Rajabhat University Conference 2018, International Conference on Innovations in Interdisciplinary Research (ICIIR) December 13-14, 2018. ISBN 978-974-306-565-1.

6. **Sianglum W**, Saeloh D, Tongtawe P, Wootipoom N, Indrawattana N, and Voravuthikunchai SP. 2018. Early effects of rhodomyrtone on membrane integrity in methicillin-resistant *Staphylococcus aureus. Microb Drug Resist* 24:882-889. 10.1089/mdr.2016.0294.

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9. **Sianglum W**, Srimanote P, Wonglumsom W, Kittiniyom K, Voravuthikunchai SP. 2011. Proteome analyses of cellular proteins in methicillin-resistant *Staphylococcus aureus* treated with rhodomyrtone, a novel antibiotic candidate. PLoS One 6: e16628.

10. **Sianglum W**, Kittiniyom K, Srimanote P, Wonglumsom W. 2009. Development of multiplex PCR assays for detection of antimicrobial resistance genes in *Escherichia coli* and enterococci. Journal of Rapid Methods and Automation in Microbiology 17: 117-134.

11. **Sianglum W**, Wonglumsom W, Srimanote P, Kittiniyom K. 2007. Analysis of *gyrA* mutations related to quinolone resistance in *Escherichia coli* isolates originating from pet, human, vegetable and ice in Bangkok and vicinity. Southeast Asian Journal of Tropical Medicine and Public Health 38: 1095-1101.

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