

CURRICULUM VITAE

Tawanya Kamthong was born on March 15th, 2000, in Sisaket, Thailand. In 2022, she graduated with a Bachelor of Science in Biology (with first-class honors) from Institute of Science, School of Biology, Suranaree University of Technology (SUT), Thailand. Since 2015, the Development and Promotion of Science and Technology Talents Project (DPST, Thailand) has awarded her a scholarship. Under the guidance of Assoc. Prof. Dr. Sineenat Siri, she carried out senior research on rapid one-step synthesis of silver nanoparticles using tea and coffee wastes during her bachelor's degree. In 2022, she conducted her master's degree program in Biochemistry and Biochemical Technology at the School of Chemistry, SUT under the supervision of Asst. Prof. Dr. Rung-Yi Lai with DPST scholarship. Her master's thesis focuses on the investigation of nitroreductase detection by a fluorescence probe. This work has been reported in the 18th international symposium of the Protein Society of Thailand (listed in APPENDIX B) in August 2024. In the end of 2024, she received the Japanese government (monbukagakusho:MEXT) scholarship as a research student to conduct her second master's study in Biochemistry at the Graduate School of Agriculture, Hokkaido University, Japan, under the supervision of Assoc. Prof. Dr. Wataru Saburi.