

Biography

Dr. Duangthip Trisrivirat is a research associate and a main coordinator of GC and VISTEC collaboration in biomolecular engineering at the School of Biomolecular Science and Engineering (BSE), Vidyasirimedhi Institute of Science and Technology (VISTEC) in Thailand. Duangthip obtained her B.Sc. in Chemistry and Ph.D. in Biochemistry from Mahidol University. She was a recipient of Development and Promotion of Science and Technology Talents Project (DPST), Royal Government of Thailand throughout her B.Sc. and Ph.D. studies. Duangthip has strong research background in enzyme kinetics and mechanisms of flavoenzymes from Ph.D. training. Currently, she is one of key researchers in Prof. Dr. Pimchai Chaiyen's group at VISTEC to conduct research in the areas of metabolic engineering and synthetic biology with metabolomics analysis in microbes (bacteria and yeasts) to synthesize valuable compounds from bio-based feedstocks. She aims to develop synthetic biological systems of practical importance at commercial scale to support the expanding Bio-Circular-Green (BCG) economy in Thailand.

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Publications

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