



Dr. Sunisa Chatsurachai

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My name is Sunisa Chatsurachai. Currently I am a manager under the Division of Open Innovation and Cell-based Research. I earn my Bachelor of Science at Kasetsart University in 2003, got my Master of Science in Bioinformatics from King Mongkut's University of Technology Thonburi (KMUTT) in 2007. After that I received Monbukagusho:MEXT scholarship from Japanese government for master and doctor program in Frontier Biotechnology during 2008-2013. My research focuses on genome-scale modeling of host cell factory to produce biochemical compounds by using metabolic engineering and codon optimization approach.

After completing my PhD, I accepted a position as a senior researcher at Mitr Phol Innovation and Research center in Pathum-Thani, where I worked for 7 years. During that time, my research was focused on microbials organism especially yeast, to improve the performance in terms of ethanol production. I also worked on sugar production side streams e.g., molasses and bagasse valorization for prebiotics and probiotics prototype products.

In 2020, I joined Charoen Pokphand Research and Development as a Specialist working with Chief Technology Officer belonging to Charoen Pokphand Group. My roles were scouting new technologies, strategic partnerships, and collaboration between CPG-Business Units and partners for example academia, startups, and companies. Then, I transferred to Charoen Phokphand Foods (CPF) since May 2023 working closely with Food R&D team focused on alternative protein both plant-based protein and cultivated meat. To find strategic partnerships to help accelerate research projects related with Future foods especially alternative protein.