

I have an MSc degree from the Chemistry Department at Prince of Songkhla University, Thailand (2006), and a PhD in Chemistry from Karl-Franzens University in Austria (2011). I worked as a postdoc from 2011–2013 and as a project leader from 2013–2017 on metabolomics at Chalmers University of Technology, Sweden. In addition, I co-founded and co-directed the Chalmers Metabolomics Centre, subsequently renamed Chalmers Mass Spectrometry Infrastructure, offering metabolomics services to researchers across Sweden and beyond.

In 2017, I was recruited as an instructor and associate professor (2019) at Siriraj Hospital, Mahidol University, Thailand, where I direct a research team of more than 20 people. Here, I established a metabolomics and systems biology research field and served as the director of Siriraj Center of Research Excellence in Metabolomics and Systems Biology. My research goal is to develop metabolomics and systems biology tools for better understanding cellular metabolism and disease. Our research integrates wet chemistry, including mass spectrometry (MS), ion mobility MS, and imaging MS, as well as the development of new bioinformatic tools for quantitative biology. So far, I've published over 40 papers, with over 1,300 citations (H-index of 20). I've mentored 18 postdoctoral researchers and over 15 master's and PhD students. I have received many awards and grants at the national and international levels. I am also an associate editor for a computational and structural biotechnology journal and a reviewer for several others. For non-research activities, I co-founded and presently serve as secretary of the Thailand Metabolomics Society.