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Suganya Yongkiettrakul, Ph.D. is a biochemist specializing in antimicrobial resistance and foodborne/zoonotic pathogens. Since 2015, she has focused on genomic surveillance, identification of AMR biomarkers, and the development of high-throughput diagnostic platforms, including MassARRAY assays for bacterial detection and serotyping. She also applies targeted and untargeted metabolomics to study host-pathogen interactions and AMR mechanisms. Her work has been published in leading journals on topics ranging from food safety and zoonotic infections to rapid diagnostics and molecular pathogen characterization.