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Fermentation; Urban Solutions; Alternative Foods; Food Safety
Science; Industry Partnership for Innovation Scale-up

My research focuses on Food Circular Economy (food waste reduction and urban solutions) through proprietary fermentation technology/green extraction and upcycling of processing side-streams, New Generation Food Safety Risk Assessment and nutritional benefits of novel foods through AI-assisted New Approach Methodologies, and Public Private Partnership to support government regulatory approval, harmonization by international organizations (FAO, WHO and WEF), and commercialization of food tech innovations.

Potential Areas for Collaboration

- Food Circular Economy (upcycling and alternative foods)
 - New Approach Methodology (food safety risk assessment)
 - AI/ML for proactive Food Safety Monitoring
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