



ASSOC PROF SUNNY WONG

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Gut Microbiome; Nutrition and Dietary Patterns; Functional Foods and Probiotics; Gut–liver–microbiome Axis; Translational Microbiome Therapeutics

My research examines how nutrition shapes the gut microbiome and influences health and disease. We conduct population-based and clinical studies to understand dietary patterns and their relationships with microbiome composition, metabolic health, and liver diseases. We also develop microbiome- and liver-targeted biotherapeutics, including probiotics and functional food strategies, supported by mechanistic and translational platforms.

Potential Areas for Collaboration

- Functional Food Development Targeting the Microbiome
 - Dietary Fiber and Bioactive Food Component Mechanistic Studies
 - Microbiome-based Biomarkers for Nutrition and Metabolic Health
 - Clinical Trials Evaluating Microbiome-directed Nutritional Interventions
 - Population-level Dietary Pattern and Microbiome Analytics
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