

UNIQUE ESEARCH



Suga Research Laboratory for Sustainable Urban Green Agriculture 信佳城市綠色耕種研究實驗室 Location 位置: W614



PolyU-Yakult Joint Research Laboratory for **Probiotics and Prebiotics in Human Health** 香港理工大學-香港益力多 腸道益生菌益 生元與人類健康聯合研究實驗室



Sensory Evaluation Laboratory Location 位置: U513



Laboratory for Infant and Child No 嬰幼兒營養實驗室 Location 位置: 201-202, 9W, Hong Kong Science Park 香港科學園



Modern Mariculture Demonstration Farm at Tung Lung Chau Fish Culture Zone 東龍洲魚類養殖區現代化海產養殖示範場







RESEARCH INSTITUTE FOR

FUTURE FOOD

未來食品研究院



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Opening Minds • Shaping the Future



URTEAM

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Professor & Canada Research Chair of Toxicology



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and Environmental Health

Prof. Laurie CHAN

University of Ottawa



Prof. Lucy SUN Professor Emeritus; Graduate Institute of Food Science & Technology National Taiwan University



Prof. Yongning WU Chief Scientist; China National Center for Food Safety Risk Assessment; Member of WHO Advisory Group on Food Safety: Safe Food for Better

STEERING COMMITTEE MEMBERS 督導委員會成員

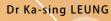


CHAN CATALO

Mr Calvin

Foods Ltd.

Natural Health



Polytechnic University





Lee Kum Kee International

Dr Allen HO

Holdings Ltd.



Mr Patrick LAI

Agricultural and Fisheries Conservation Dept., HKSAR Govt.



Tam Jai International Co. Ltd.

Ms Charine LAU



Prof. Man-sau WONG



食品政策及市場管理

- Climate Change , COVID-19 , Food Waste Management 氣候變化,新冠肺炎,廚餘管理

RESEARCH





RiFood has three main Research Directions namely "Food Sustainability", "Smart Technology and Functional Food Development" as well as "Nutrition and Human Health", which are originated from the interactions among "Environment", "Food" and "Human", forming a unique, inter-disciplinary and coherent research platforms.

VISION抱負

Aspires to be a leading Research Institute that advances and transfers knowledge by research, public education and professional service to address the key challenges in Food Science and Human Health, for the benefit of mankind.

致力成為一所在開拓及轉移知識方面均領先的研究院,透 過科研、公共教育和專業服務以解決食品科學和人類健康 領域中的關鍵挑戰, 造福人群。

SMART TECHNOLOGY & FUNCTIONAL FOOD DEVELOPMENT

智能科技及功能性食品研發

- Foodomics Study for Food Authentication, Food Safety and QA/QC applications 食物組學研究應用於食品鑑證、食物安全及其品質監控
- Functional Food for Prevention and/or Treatment of Chronic Diseases 防治慢性病的功能性食品研究及應用開發
- Research & Product Development on Traditional Tonics Foods 傳統滋補食品的研究及產品開發
- ► Smart Technology for Future Food Industry 用於未來食品業的智能科技
 - -AloT, nanotechnology and 3D printing technology 人工智能及物聯網,納米科技及3D打印技術

FOOD SUSTAINABILITY 食物可持續發展

- Sustainable Food Production 可持續糧食生產
 - Precision Hydroponics and Aquaculture 精準水耕及水產養殖
- ► Emerging Food Safety and Risks Detection 新興食品風險檢測
 - Microplastics 微塑膠
 - African Swine Flu Food 非洲豬瘟
- ► Policy & Marketing Management

RiFood 以「食物可持續發展」、「智能科技與功能性食品 研發」及「營養與人類健康」作為三大主要研究方向,源自 「環境」、「食物」和「人類」三者之間的互動,形成一個 獨特並且連貫的跨學科研究平台。

MISSION使命

- 1. To pursue impactful & cutting-edge research in Food Science and Human Health via inter-disciplinary collaboration 通過跨學科合作,促進食品科學與人類健康具影響力的 前沿研究;
- 2. To provide innovative and sustainable solutions and technological support to food and healthcare industry; 為食品及健康產業提供創新及可持續的解決方案與技術 支援:
- 3. To foster "Healthy Eating and Sustainable Living" culture, promoting public health of our community. 培育"健康飲食及可持續生活"文化,促進社區公眾健



NUTRITION & HUMAN HEALTH 營養與人類健康

- ►Gut Microbiome Research for Infant & Child Health 母乳及嬰幼兒腸道菌群與健康研究
- Nutrition Strategy for Metabolic Syndrome (e.g. Obesity) 研究針對代謝綜合病(如肥胖)的營養策略
- ► Micronutrient for Long COVID-19 Treatment 探討微量營養素對治療長新冠肺炎的效用
- Nutritional Epidemiology for Public Health 研究長壽與飲食及其他生活習慣的關聯



Mr Anthony NG

WePet International Holdings Ltd.



Danone Nutricia Early Life Nutrition (Hong Kong) Ltd.

Ms Sandy TSE

