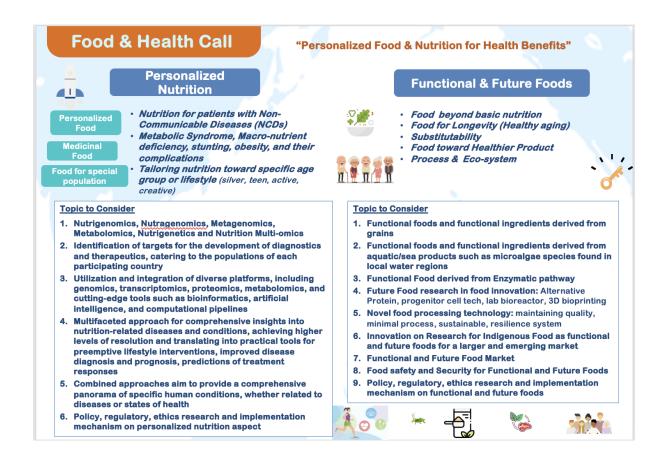


## **Workshop Summary:**

13<sup>th</sup> e-ASIA Joint Research Program (the e-ASIA JRP)

Research Cooperation in the overarching field of 'Food &Health'

Subtopic: 'Personalized Nutrition' and 'Functional and Future Foods'



## **Organizing MOs & Funding Subtopic:**

Participating Member Organizations	Personalized Nutrition	Functional & Future Foods	Funding Modality
Australia: National health and Medical Research Council (NHMRC)	✓		New
Cambodia: Ministry of Industry, Science, Technology and Innovation (MISTI)		✓	In-kind
Indonesia: National Research and Innovation Agency (BRIN)	✓	✓	New, In-kind
Lao PDR: Ministry of Health (MOH)	✓	✓	In-kind
Myanmar: Ministry of Science and Technology (MOST)	✓	✓	In-kind
Philippines: Department of Science and Technology (DOST- PCHRD)	✓	✓	New
hailand: Program Management Unit for Human Resources & Institutional Development, Research, and Innovation (PMU-B)	✓	✓	New

Food and Health Speakers	Summary
Welcome Remark	Welcome all researchers to work together toward
Professor Dr. Sompong Klaynongsruang	an impactful collaborative project on Food &
Director of PMU-B	Health.
Introduction of the Research Field in Food &	The focused topic is on Personalized Nutrition/
Health Call	Functional & Future Food
By PMU-B	
Assoc. Prof. Sakda Khoomrung	Topic: Personalized nutrition (PN) in Thailand –
Instructor/Researcher, Faculty of Medicine Siriraj Hospital, Mahidol University	research and information landscape
"Scratching the surface of Personalized	Collaboration need: Technology, standard
Nutrition in Thailand"	protocol and high-quality data
Sakda.kho@mahidol.edu	
Dr. Bo Bo	Topic: Facility available and research about
Director, Naypyitaw Tech University, Myanmar	Laphet (tea), Myanmar traditional food –
"Traditional Myanmar Foods with Potential Functional Values Emphasis on Laphet:	information, Microbial community in fermentation of Laphet and effect
Fermented Tea Leaves"	Collaboration need: improved processing of
	traditional food, storage and post processing,
	functional properties
Dr. Kulthida Vaeteewoottacharn	Topic: Cultured meat research – how to work on
Lecturer, Khon Kaen University, Thailand	Cultured meat
"In vitro cattle stem cell cultivation to serve the	
generation of a cell-based cultured meat."	Collaboration need: technology, scaffolding and
kulthidava@kku.ac.th	multi-cellular culture system, modify nutrition
Professor Pisit Tangkijvanich, M.D.	content, health, flavor, texture  Topic: Gut microbiome for personalized medicine
Head of Center of Excellence in Hepatitis and	for NAFLD and CKD research
Liver Cancer, Faculty of Medicine, Chulalongkorn	
University, Bangkok, Thailand "Modifying Gut Microbiome by Synbiotics	
toward Personalized Medicine for Non-	
alcoholic Fatty Liver Disease and Chronic	
Kidney Disease"	
Asst. Prof. Dr. Jutarop Phetcharaburanin	Topic: Metabolic and Microbial High-throughput
Principle investigator, Department of Systems Biosciences and Computational Medicine, Faculty	Phenomics in Obese Patients with Different Comorbidities for Personalizing High-protein Diets
of Medicine, and Khon Kaen University Phenome	
Centre, Khon Kaen University	Collaboration need: collaborators, obese patients
"Metabolic and microbial high throughput	operatic surgery to conduct the multi-site collection and study
phenomics in obese patients with different co- morbidities for personalizing nutritional	Concolor and Study
programs at pre- and post-bariatric surgery."	
Dr. Jacus Nacis	- Topic: Initiatives and opportunities in omics for
DOST-Food and Nutrition Research Institute, the	nutrition R&D in the philippines
Philippines	- Collaboration need: omics information to
"Linkage and equilibrium: Initiatives and	facilitate validation studies, multi-omics
opportunities in omics for nutrition R&D in the Philippines"	integration and data science, development of omics interventions
r milppines	Office interventions
Research Sharing	Summary
Group Discussion on future collaboration	- Dr. Anna Agustina: proposal for strategy
1	1 3 2 2 3 2 1 2 2 3 3 1 3 1 3 1 3 1 3 1

	communication and actions for spirulina consumption through community movement in preventing stunting program in Indonesia. You may also contact me Anna at +62817130519 (WhatsApp/Wechat) and/or email annaagustina@univpancasila.ac.id.  Sri Vidawati: proposal about Smart hybrid nanoprobes for combined multistage drugcell bioimaging, tracking, home and therapy (sri.vidawati@istn.ac.id)  Yusi Luluk Rahmania – Hyptolide  Megan Crichton – nutrient intake and nutrition impact symptom during cancer treatment  Jyotsna Batra – medicinal food – test cancer phenotype – specific indigenous food product that can be used as treatment option for cancer/genomics/proteomics/Al  Dr. Reza Yuridian Purwoko: We have the proposal for Infectious Diseases of HIV and Dengue using cell therapy and Future Diet Food using Stemcell tissue engineering, Kindly contact us, Indonesia, dr. Reza +6281333101115 (WhatsApp) and email drrezayp@yahoo.com/ reza011@brin.go.id.  Dr. Wei Guo: Lab of field phenomics, University of Tokyo, Japan. we are proposing smart agricultural technology for Asian countries, here is our lab page: https://lab.fieldphenomics.com/ please also feel free to contacting me or @James Burridge here: guowei@g.ecc.utokyo.ac.jp & burridge-j@g.ecc.utokyo.ac.jp
Discussion & Suggestions	Summary
	Information Portal is needed to provide information such as expertise, interested, contact, link, research interests that everyone search and find collaboration

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