



Preface

The 2025 Joint Meeting of the International Conference on Nutritional Fortification, co-hosted by ISPH and ISNPR, was convened as a scholarly platform to encourage scientific exchange and present advancements aligned with the theme Health, Precision, Nutrition, sub-themes—Disease Prevention, Nutrition Intervention, and Big Data Application. The event was co-organized by the International Society for Precision Health (ISPH), the International Society for Nutritional Psychiatry Research (ISNPR), and the Health Promotion Administration (HPA), Ministry of Health and Welfare, Taiwan. This international event brings together pioneers, researchers, policymakers, and health professionals to engage in meaningful dialogue under the unifying theme.

ISPH is committed to promoting health through precision-based strategies that integrate genetics, environment, nutrition, and lifestyle. By encouraging interdisciplinary collaboration, ISPH advances personalized disease prevention, early detection, and intervention, fostering a global movement toward more individualized healthcare. ISNPR leads the global effort to understand the critical link between nutrition and mental health. With a mission to redefine psychiatric care through diet-based interventions, ISNPR supports high-impact research exploring how nutrients influence mood, cognition, and neurobiology. The society bridges the gap between psychiatry and nutritional sciences, laying the foundation for a more holistic approach to mental wellness. HPA Taiwan stands at the forefront of public health initiatives in the region, implementing innovative programs in preventive healthcare, chronic disease management, and population nutrition.

This year's conference explores the intersection of advanced nutrition science, disease prevention, and personalized health strategies. We are proud to host speakers from across the globe, representing a diverse array of disciplines including nutraceuticals, phytochemicals, phytotherapy, pharmacology, precision nutrition, and precision health. Their groundbreaking research spans a wide spectrum of health concerns such as anemia, dementia, neurodegenerative diseases, and diabetes. Each contribution reflects a commitment to evidence-based approaches and innovation in tackling the world's most pressing health challenges.

The key directions of the conference were:

- Cancer medicine
- Food safety/security

- Food technology/processing
- Functional foods
- Neuroscience
- Nutraceuticals
- Pharmacology
- Phytochemistry
- Phytotherapy
- Precision medicine/nutrition

With sincere gratitude, the Organizing Committee thanks each and every author, keynote speaker, reviewer, and collaborating partner whose efforts have been instrumental in bringing the 2025 Joint Meeting of the International Conference on Nutritional Fortification (ICNF) to life. Your contributions—whether through research, thoughtful evaluation, or strategic support—have enriched the scientific quality and reach of this event. We are particularly thankful to our publication partners for ensuring that the conference proceedings are disseminated widely and made accessible to a global audience through indexed platforms. We believe this meeting signifies a new beginning that fosters global and interdisciplinary collaboration toward a future defined by nutritional well-being, improved health, and resilient future.

Prof. Dr. Chin-Kun Wang

Chair Initiator of International Society for Precision Health
United Nations Goodwill Ambassador

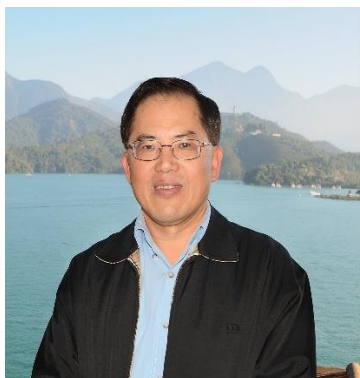
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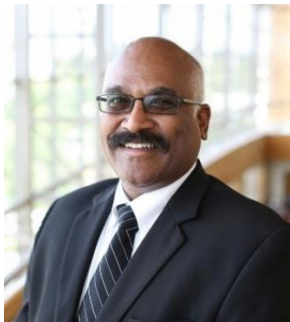
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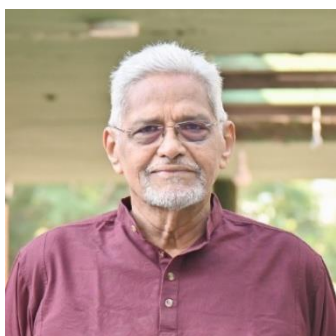
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**2025 Joint Meeting of International Conference of Nutritional Fortification,
ISPH, ISNPR
Program Module**

Saturday, Oct 18 2025				
Venue: Chang Yung-Fa Charity Foundation				
8:30-9:00	Registration			
9:00-9:20	Opening Ceremony			
9:20-10:00	Plenary 1- Dr. Felice Jacka (R601)			
10:00-10:20	Morning Break			
	Session 1 (R601)	Session 2 (R602)	Session 3 (R605)	Session 4 (R603)
10:20-12:00	The Gut Microbiome and Mental Health	Nutrient Fortification/ Food Safety	Precision Health/ Precision Medicine	Functional Foods
12:00-13:30	Lunch Break			
	Session 5 (R601)	Session 6 (R602)	Session 7 (R603)	Session 8 (R605)
13:30-15:10	Nutrition, Aging and Cognitive Health	Nutrient Fortification/ Food Safety	Phytotherapy/Pharmacology	Functional foods
15:10-15:30	Afternoon Break			
15:30-16:10	Plenary 2- Prof. Dr. Chin-Kun Wang			
	Session 9 (R601)	Session10 (R602)	Session 11 (R603)	Session 12 (R605)
16:10-18:00	Nutrition From the Moleculars and Cells	Nutrient Fortification/ Food Safety	Phytochemistry/parmacology	Cancer medicine
16:30-20:30	Gala Dinner			

Saturday - October 18, 2025

Session 1: Room 601: The Gut Microbiome and Mental Health

Session-2: Room 602: Nutrient Fortification/ Food Safety

Session 3: Room 603: Precision Health/ Medicine

Session-4: Room 605: Functional Foods

Session 5: Room 601: Nutrition, Aging and Cognitive Health (R 601)

Session-6: Room 602: Nutrient Fortification/ Food Safety

Session-7: Room 603: Phytotherapy/Pharmacology

Session-8: Room 605: Functional Foods

Session 9: Room 601: Nutrition from the Molecules and Cells

Session-10: Room 602: Nutrient Fortification/ Food Safety

Session-11: Room 603: Phytochemistry/ Pharmacology

Session-12: Room 605: Cancer medicine

October 18

Session 1 (R601)		
ISNPR: The Gut Microbiome and Mental Health		
9:20-10:00	<p style="text-align: center;"><u>Plenary 1</u> Prof. Dr. Felice Jacka Institute for Mental and Physical Health and Clinical Translation Deakin University Australia The Lost Harvest: Industrial Diets, Vanishing Diversity, and the Global Health Crisis</p>	
Chairperson: Dr. Anat Elmann		
Duration	Speaker	Title
10:20-10:36	Dr. Aslam Hajara Research Fellow School of Medicine Deakin University Australia	Feasibility and tolerability of Musa sp. pseudo-stem core powder as a dietary supplement with gut microbiota-modulating potential: A pilot randomised controlled trial
10:36-10:52	Dr. Anat Elmann The Volcani Center Israel	Neuroprotective, anti-anxiety, and microbiome-modulating properties of Pulicaria incisa infusion
10:52-11:08	Dr. K. Emmanuvel Rajan Bharathidasan University India	Supplementation of probiotics prevent development of depressive-like behaviour in early-life social stress animal model
11:08-11:24	Dr. Polona Prelog Medical Faculty, University of Ljubljana Slovenia	More Than Mood: Nutritional Vulnerability in Geriatric Depression as a Multidimensional Risk Factor
11:24-11:40	Dr. Katharina Größbacher Department of Medical Psychology, Psychosomatics and Psychotherapy, Medical University of Graz Austria	A Specialized Outpatient Clinic for Nutrition and Mental Health: A Pilot Study
11:40-11:56	Dr. Nadiya Bokyo Uzhhorod National University Ukraine	Microbiome biomarkers in precise diagnostics and nutrition mental health and longevity of working and elderly populations

Session 2 (R602)		
NFHPA: Nutrient Fortification/ Food Safety		
Chairperson: Dr. Gow-Chin Yun, Dr. Chin-Kun Wang		
No	Speaker	Title
10:20-10:32	Dr. Yi-Chin Lin Taiwan	Vitamin D and calcium fortification- current status
10:32-10:44	Dr. Yi-Fang Liu Fu Jen Catholic University Taiwan	Iodine deficiency and fortification strategy
10:44-10:56	Dr. Shu Ru Zhuang Chung Shan Medical University Taiwan	Dietary Behavior, Sub-health Symptoms, and Public Perceptions of Nutritional Fortification: A Cross-Sectional Study in Taiwan
10:56-11:08	Dr. Thierry Astruc INRAE, National Research Institute for Agriculture, Food and Environment France	Design and characterization of liver/lentil hybrid cookies for people with anaemia
11:08-11:20	Dr. Livia Simon Sarkadi Hungarian University of Agriculture and Life Sciences Hungary	Changes in the fatty acid composition of donor breast milk after holder pasteurization
11:20-11:32	Dr. Katarzyna Świąder Warsaw University of Life Sciences Poland	Co-creation as a Catalyst for Developing Tailored Food Products for Special Dietary Needs
11:32-11:44	Dr. Diana Curtin University Sustainability Policy (CUSP) Institute Australia	Reimagining food fortification through a consumer-centered approach
11:44-11:56	Dr. Thierry Regnier Tshwane University of Technology South Africa	African mushrooms as preventive healthcare and nutrition intervention
11:56-12:08	Dr. Indrawati Oey University of Otago New Zealand	Incorporating Faba Bean into Wheat Bread as a Fortification strategy to Boost Protein and Fiber Levels
12:08-12:20	Dr. Mathoto Thaoge Tshwane University of Technology	Development of Functional Sorghum-Based Foods Fortified with Protein and Probiotics: A Sustainable

	South Africa	Solution for Nutritional Security in South African Communities
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ISPH: Session 3 (R603)		
Precision health/ Precision Medicine/Cancer Medicine		
Chairperson: Dr. A.S. Narain Naidu, Dr. Yong Sang Song		
No	Speaker	Title
10:20-10:32	Dr. Dae Young Kwon Institute of Food Culture and Science Republic of Korea	What is the most competitive power in personalized nutrition that we are prone to missing in the future AI era?
10:32-10:44	Dr. Dora Marinova Curtin University Australia	Generation Z and precision health
10:44-10:56	Dr. Kuncoro Harto Widodo Universitas Gadjah Mada Indonesia	Precision Health through Hospital Food Service Optimization: Menu Customization for Patient Nutrition Need Fulfillment and Food Waste Reduction
10:56-11:08	Dr. Loh Su Peng Universiti Putra Malaysia	Optimising iron intake: Addressing iron deficiency Anaemia through precision nutrition and genetic insights
11:08-11:20	Dr. Widiastuti Setyaningsih Gadjah Mada University Indonesia	Precision Extraction of Antioxidants and Neuroprotective Metabolites from Banana Flowers Using Ultrasound and Solvent Mixtures
11:20-11:32	Dr. Yong Sang Song Myungji Medical Foundation, Myungji Hospital Republic of Korea	Precision Medicine Approaches in Obesity: Integrating Adipose-Derived Stem Cells and Microbial Extracellular Vesicles
11:32-11:44	Dr. Sri Raharjo Universitas Gadjah Mada Indonesia	Optimization and sensory acceptance of coconut water drinks fortified with α -Tocopherol/Tocotrienol loaded nanostructured lipid carriers
11:44-11:56	Dr. Sarah S. Comstock Michigan State University USA	Dietary impacts on the gut microbiota for improved health outcomes
11:56-12:08	Dr. Danny N. Dhanasekaran	LncRNAs in the era of precision health: Unlocking molecular vulnerabilities in cancer. <i>Rewriting the noncoding code of cancer</i>

	University of Oklahoma Health Sciences Center USA	
12:08-12:20	Dr. M. Betül Yerer Aycan Erciyes University Turkey	Targeted nutraceutical interventions in cancer: A precision medicine approach

ISPH: Session 4 (R605)		
Functional Foods		
Chairperson: Dr. Christofora Hanny Wijaya, Dr. Mona Elena Popa		
No	Speaker	Title
10:20-10:32	Dr. Christofora Hanny Wijaya IBP University Indonesia	Usage of plant derived exosome like nanoparticles (PDEN) in precision functional foods: Ginger PDEN in Cajuputs® Candy
10:32-10:44	Dr. Irina Lazarova Medical University of Sofia Bulgaria	Alimurgic plants: The sustainable source of functional food and health promoting substances
10:44-10:56	Dr. Indah Epriliati Widya Mandala Surabaya Catholic University Indonesia	Reengineering of traditional foods: Food processing for modernization and precision health goals
10:56-11:08	Dr. Kunle Oni Federal University Oye-Ekiti Nigeria	Effect of drying methods on the hydrophilic, reconstitution and viscosity of okra (<i>Abelmoschus esculentus</i> L. Moench) slices.
11:08-11:20	Dr. Mona Elena Popa University of Agronomic Sciences and Veterinary Medicine of Bucharest Romania	Nutraceutical and functional food industry roles and responsibilities in precision health approach
11:20-11:32	Dr. Nurul Husna Shafie Universiti Putra Malaysia	Multiomics insight on bioavailability, gut microbiota and proteomic profiling of green tea polyphenols nanoparticles
11:32-11:44	Dr. Siti Raihanah Shafie Universiti Putra Malaysia	Barnyard millet: A potential functional food for metabolic syndrome management

11:44-11:56	Dr. Wan Rosli Wan Ishak Universiti Sains Malaysia Health Campus Malaysia	Effect of High-Pressure Pretreatment and Drying Conditions on the Physicochemical and Antioxidant Properties of Carrageenan from <i>Kappaphycus alvarezii</i>
11:56-12:08	Dr. Darshee Baxi Navrachana University Gujarat	Role of functional foods in PCOS: Investigating the gut microbiome – ovary cross talk.
12:08-12:20	Dr. Takuya Sugahara Ehime University Japan	Anti-inflammatory function of sudachitin and demethoxysudachitin from <i>Citrus sudachi</i>

Session 5 (R601)		
ISNPR: Nutrition, Aging and Cognitive Health		
Chairperson: Dr. Shizuo Yamada		
No	Speaker	Title
13:30-13:46	Dr. Vesna Simič Department of Nutrition University Psychiatric Clinic Ljubljana Slovenia	Sarcopenia and Nutritional Status in Alzheimer's Disease: Implications for Muscle Function and Clinical Outcomes in Geriatric Psychiatry
13:46-14:02	Dr. Shizuo Yamada University of Shizuoka Japan	Beneficial effects of a representative polymethoxylated flavonoid, nobiletin on cognitive impairment with aging
14:02-14:18	Dr. Natalia Mikhailichenko Nevron International Medical Center Russia	The role of neuroinflammation in Alzheimer's disease and evaluation of the effect of the Standardized Extract of <i>Asparagus Officinalis</i> Stem in mild cognitive impairment
14:18-14:34	Mr. Debele ROBA School of Medicine Deakin University Australia	Statin Use and Risk of Late-life Depression in Community-Dwelling Older Adults: Evidence from a Target Trial Emulation Study
14:34-14:50	Dr. Daphne Spyropoulos Cleveland Ohio United States Cleveland Clinic USA	Fat and Fiber Consumption, Sociocultural Factors Influencing Food Choices, and Sporadic Alzheimer's Disease in Alabama, USA, and Cape Town, South Africa
14:50-15:06	Ms. Johnston Donni	Assessing the Acceptability and Feasibility of Two Meal Provision Interventions for Individuals with

	University of Queensland Brisbane Australia	Schizophrenia: The Schizophrenia, Nutrition and Choices in Kilojoules (SNaCK) Study
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Session 6 (R602)		
NFHPA : Nutrient Fortification/ Food Safety		
Chairperson: Dr. Khaw MC Richard, Dr. Mari Maeda Yamamoto		
No	Speaker	Title
13:30-13:42	Dr. Azrina Azlan Universiti Putra Malaysia	Are Ready-to-Eat Foods a Healthy Alternative? A Review of Nutrition, Health Risks, and Convenience
13:42-13:54	Dr. Christelle Bou Mitri Notre Dame University-Louaize Lebanon	Trends and development of Plant-based milk and dairy alternatives: A multifaceted research approach.
13:54-14:06	Dr. Dony Dahana Osaka University, Japan	Dual certification regulation and its impact on functional food market
14:06-14:18	Dr. Ignasius Radix Widya Mandala Surabaya Catholic University Indonesia	The role of food packaging technology to support personalized nutrition recommendation
14:18-14:30	Dr. Khaw MC Richard Singapore Institute of Food Science & Technology Singapore	Singapore Standards and Guidelines in Nutrition Fortification and Claims in Food Products
14:30-14:42	Dr. Liviu Gaceu Transilvania University of Brasov Romania	Vulnerable plates: What we (Don't) know about food and health
14:42-14:54	Dr. Mari Maeda Yamamoto National Agriculture and Food Research Organization (NARO), Japan	Development of nutritionally balanced self-care diets

14:54-15:06	Dr. Maya Georgieva Medical University of Sofia Bulgaria	Identification and quantitation of Choline in food supplements using high performance liquid chromatography.
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Session 7 R603)		
ISPH: Phytotherapy/Pharmacology		
Chairperson: Dr. Ardiansyah, Dr. Rotimi. E. Aluko		
No	Speaker	Title
13:30-13:42	Dr. Abdel Qawasmeh Hebron University Palestine	Palestinian carob (<i>Ceratonia siliqua</i>) parts: Phytochemical screening, antioxidant and antimicrobial activities)
13:42-13:54	Dr. Ardiansyah Universitas Bakrie Indonesia	Volatile, non-volatile compounds, sensory profiles and hypotensive effects of Kenikir leaves (<i>Cosmos caudatus</i> L)
13:54-14:06	Dr. Corina Danciu Victor Babeş University of Medicine and Pharmacy Timișoara Romania	Phytochemical composition and bio-nutrient impact of <i>Aronia melanocarpa</i> <Michx.> Elliott berries: bringing nutritional benefits with biological effects
14:06-14:18	Dr. Hao Jing China Agricultural University China	Transformation of sulfur-containing compounds in Garlic
14:18-14:30	Dr. Mohd-Esa Norhaizan Universiti Putra Malaysia	In vitro and in vivo antidiabetic activity of stingless bee (<i>Heterotrigona itama</i>) honey and its phenolic-rich extract
14:30-14:42	Dr. Rajalaksmi Manikkam Holy Cross College (Autonomous) Bharathidasan University India	Novel phytochemical analogs-promising therapeutics for endocrine and metabolic diabetes
14:42-14:54	Dr. Rotimi. E. Aluko University of Manitoba Canada	Antioxidative and antihypersensitive properties of a multifunctional hemp seed protein hydrolysate: evidence from a randomized double-blind cross over trial
14:54-15:06	Dr. Srinivas Nerella Government Degree College	Impurity profiling and repurposing of Raltegravir-An anti-HIV drug

	Kakatiya University India	
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Session 8 (R605)		
ISPH: Functional Foods		
Chairperson: Dr. Amin Bin Ismail, Dr. Milen I. Georgiev		
No	Speaker	Title
13:30-13:42	Dr. Aline Issa Notre Dame University-Louaize Lebanon	Functionality of fermented wheat germ extract (FWGE) – A showcase for novel fermented foods
13:42-13:54	Dr. Amin Bin Ismail Universiti Putra Malaysia	Cocoa and Obesity – A recent study
13:54-14:06	Dr. Folake Idowu- Adebayo Federal University Oye-Ekiti Nigeria	Nutritional evaluation of fortified bread from soy- cheese, pineapple and wheat blends
14:06-14:18	Dr. Marc Diederich Seoul National University Republic of Korea	Harnessing controlled necrosis for immunogenic vaccination against Myeloid leukemia
14:18-14:30	Dr. Matkowski Adam Wroclaw Medical University Poland	Can you eat carnations? Saponins and other phytochemicals as bioactive compounds
14:30-14:42	Dr. Milen I. Georgiev Center of Plant Systems Biology and Biotechnology Bulgaria	Nurturing longevity through natural compounds
14:42-14:54	Dr. Szu-Chuan Shen National Taiwan Normal University Taiwan	Therapeutic effects of Myrtaceae extracts on Diabetes mellitus
14:54-15:06	Dr. Mark Shantsyan Saint Petersburg State Institute of Technology Russia	The protective role of mushroom beta-D-glucans in the development of psychoemotional complications in patients with moderate Covid-19.

Session 9 (R601)		
ISNPR: Nutrition From the Moleculars and Cells		
15:30-16:10	<p style="text-align: center;"><u>Plenary 2</u> Prof.Dr. Chin Kun Wang Chung Shan Medical University Taiwan Advancing Global Health Through Nutrition: Taiwan's Leadership in Zero Hunger and Nutritional Psychiatry</p>	
Chairperson: Dr. Young Joon Surh		
No	Speaker	Title
14:10-14:25	Dr. Samudra P. Banik Government General Degree College West Bengal	The impact of glycation on fibrillation and stability of α -synuclein: An introspection into the role of dietary AGEs in cellular amyloidogenesis
14:25-14:40	Mr. Ikbal Malau China Medical University Taiwan	Level of HMGB1, S100 β , and NSE Biomarkers in Patients with Depressive Symptom: A Meta Analysis
14:40-14:55	Ms. Alexis Hung QIMR Berghofer Medical Research Institute Australia	Investigation into the Therapeutic Mechanism of a Ketogenic Diet in a Schizophrenia Neurodevelopmental Mouse Model
14:55-17:10	Dr. Young Joon Surh Seoul National University Republic of Korea	Nutritional modulation of cellular redox signaling in the management of age-associated disorders: NRF2 as a prime target
17:10-17:25	Dr. Debasis Bagchi Adelphi University USA	Beneficial effects of PerformLyte TM , a prodosed phytonutrient-enriched electrolyte formulation, in enhancing neuro-muscular synergy, immune competence, cellular aerobic glycolysis and sports performance
17:25-17:40	Dr. Bing Wang Charles Sturt University Australia	Molecular deciphering of iron and sialic acid in the lactoferrin molecule and their impact on neurodevelopment

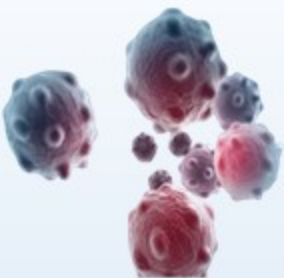
Session 10 (R602)		
NFHPA : Nutrient Fortification/Food Safety		
Chairperson: Dr. Anca Miron, Dr. Gokare Ravishankar		
No	Speaker	Title
16:10-16:22	Dr. Anca Miron	Plant-derived therapies for Rheumatoid arthritis: current status and emerging trends

	Popa University of Medicine and Pharmacy Romania	
16:22-16:34	Dr. Claudia Cerella Recherche sur le Cancer et les Maladies du Sang Luxembourg	Advancing precision health and medicine through data-driven discovery of prognostic and therapeutic markers
16:34-16:46	Dr. Eni Harmayani Universitas Gadjah Mada Indonesia	Combination of Javanese turmeric (<i>Curcuma xanthorrhiza</i>) and lemongrass (<i>Cymbopogon citratus</i>) drink exhibit anti-hyperglycemic, anti-oxidant and prebiotic activities in vitro
16:46-16:58	Dr. Elfahmi Bandung Institute of Technology Indonesia	Cassava bioflavonoids ameliorate metabolic syndrome and its related complications induced rats administered a high-fat diet and high-fructose drink
16:58-17:10	Dr. Lotis dL. Francisco University of the Philippines Philippines	From Sensory Insights to Precision Health: Innovating Nutritional Interventions
17:10-17:22	Dr. Rumiya Universitas Gadjah Mada Indonesia	The potential of Indonesia's local food resources in the prevention and management of degenerative diseases: In vitro and in vivo studies
17:22-17:34	Dr. Sylwia Zielinska Wroclaw Medical University Poland	Poppy family medicinals: Isoquinoline alkaloids from Papaveraceae
17:34-17:46	Dr. Gokare Ravishankar Dayananda Sagar University India	Emerging possibilities of applications of biotechnologically derived food ingredients to meet the nutritional needs of vegetarian and vegan populations
17:46-17:51	Ms. Yashshvini Patel Navrachana University India	Prebiotic Ulvan Reshapes Microbial Ecology and Antioxidant Responses in PCOS: Insights from the Gut-Brain-ovary Axis
17:51-17:56	Mr. Sheng-Luen Shih University of Wisconsin-Madison USA	Assessing Choline Bioavailability and Metabolism from a New Dairy Ingredient (WPPC) for Post-Menopausal Women: A Randomized Controlled Trial

ISPH: Phytochemistry/Pharmacology		
Chairperson: Dr. Johji Inazawa, Dr. Ly Nguyen Binh		
No	Speaker	Title
16:10-16:22	Dr. David Mary Rajathei Bishop Heber College Bharathidasan University India	QSAR Analysis of Natural Lupeol Analogs as Antimalarial agents
16:22-16:34	Dr. Jacqueline Doumit Notre Dame University-Louaize Lebanon	Nutritional resilience in aging populations: Addressing malnutrition and functional decline in Lebanese nursing homes through precision nutrition
16:34-16:46	Dr. Jiankang Liu University of Health and Rehabilitation Sciences China	Mitochondria as a sensor and a biological clock in stress-accelerated aging and associated diseases
16:46-16:58	Dr. Johji Inazawa Institute of Science Tokyo Japan	Cancer-associated microRNAs and their therapeutic applications
16:58-17:10	Mr. Ngwang Erick Chuye Boyo Taxation Centre Cameroon	Promoting nutrition through forest conservation in Cameroon
17:10-17:22	Dr. Yuli Witono University of Jember Indonesia	Characteristics of smart flavor from enzymatic hydrolysis of <i>Sardinella lemuru</i> and its potential as healthy food ingredients
17:22-17:34	Dr. Zita Letviany Sarungallo Papua University Indonesia	Red fruit (<i>Pandanus conoideus</i> Lamk.) oil: A natural antioxidant, colorant, and fortificant for functional food applications
17:34-17:46	Dr. Ly Nguyen Binh Can Tho University Vietnam	Enhancing nutritional standards: A comprehensive review of micronutrient fortification in Vietnam and future regulatory amendments
17:46-17:51	Ms. Rutvi Vaja Navrachana University India	Melatonin Administration Reverses Alzheimer's Induced Neurodegenerative Like Changes in Zebrafish Model Organism

Session 12 (R605)		
ISPH: Cancer Medicine		
Chairperson: Dr. Benjamin K Tsang, Dr. Danny N. Dhanasekaran		

No	Speaker	Title
16:10-16:22	Dr. Benjamin K Tsang University of Ottawa Canada	A circulatory biomarker for Ovarian cancer
16:22-16:34	Dr. Christina L Addison University of Ottawa Canada	Identifying metabolic vulnerabilities to prevent invasive lobular breast cancer metastasis
16:34-16:46	Dr. Tae Jin Ahn Handong University Republic of Korea	Liquid biopsy for early detection of cancer
16:46-16:58	Dr. Hye-Kyung Na Sungshin Women's University Republic of Korea	15-Hydroxyprostaglandin dehydrogenase and its product 15-Ketoprostaglandin E2 as emerging targets for cancer chemoprevention and therapy
16:58-17:10	Dr. Jie Ni Cancer Care Centre St George Hospital Australia	Proteomic study of small extracellular vesicle biomarkers for breast cancer personalized medicine
17:10-17:22	Dr. Yoshiro Saito Tohoku University Japan	Development of diabetes Prophylaxis Using Food-Derived Electrophilic Compounds and the Biomarker Selenoprotein P
17:22-17:34	Dr. Zhizhuang Joe Zhao University of Oklahoma Health Sciences Center USA	Targeting malignant ascites in ovarian cancer
17:34-17:46	Dr. Camelia Munteanu University of Agricultural Sciences and Veterinary Medicine Romania	Precision nutrition for ovarian cancer: Targeting obesity-driven lncRNA signatures
17:46-17:58	Dr. Ciro Isidoro Università del Piemonte Orientale Italy	Butyrate and Resveratrol synergize to inhibit colorectal cancer cell proliferation and migration by preventing the nuclear translocation of β -catenin



**2025 JOINT MEETING OF
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Themes: "Health, Precision, Nutrition,"
Sub themes: "Disease Prevention,
Nutrition Intervention, and Big Data
Application"

**October 18-19, 2025
Taipei, Taiwan**



中山醫學大學
Chung Shan Medical University