

IUFOST INAUGURAL FOOD FIRST STRATEGY SYMPOSIUM & 8TH ICOFF

8:30–12:30 2024/12/7 Morning

8:30–8:40 Pre-Conference Sign in

8:40–9:20 Welcome Speech

1	Host IUFoST Secretary- General: Ms. Judith Meech	International Union of Food Science and Technology (IUFoST) President: Prof. Samuel Godefroy; Conference Co-Chair & President-Elect of the International Academy of Food Science and Technology (IAFoST): Prof Pingfan Rao; Conference Co-Chair and Former Executive Director of the European Food Safety Authority : Prof. Patrick Wall; Vice-Chair of the Codex Alimentarius Commission: Prof. Jing Tian ; Honorary President of the Chinese Institute of Food Science and Technology: Prof. Suhe Meng; UNIDO, Chief Sustainable Food Systems Division: Mr.Ali Badarneh (Online); WHO,Unit Head, Standards and Scientific Advice on Food and Nutrition (SSA) : Dr Moez Sanaa (online)
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9:20–12:30 Session 1: Global Origins, History and Status of Functional Foods

Co-Chairs:

Prof. Lijing Ke: University of Leeds

Prof. Kenji Sato: Kyoto University

2	Topic	Tracing the development of functional food in Japan
25	Speaker	Prof. Ashida Hitoshi: Former Chair of the International Conference on Food Factors (ICoFF),Kobe University
3	Topic	Nutrition and Food Safety: Opportunities and Challenges for Functional Foods (Proposed)
30	Speaker	Prof. Junshi Chen: Fellow of the Chinese Academy of Engineering, Fellow of International Academy of Food Science and Technology
4	Topic	Implementing a Healthy Food Strategy in the Kingdom of Saudi Arabia
25	Speaker	Mr. Faisal F Binsunaid: Executive Director of Nutrition SFDA
5	Topic	Concepts and Health Claims of Functional Food: in US, EU and Asia – a World Apart

25		Speaker	Prof. Pavinee Chinachoti: President-Elect of IUFoST, Chair of FIRN (Food Innovation-Regulation Network)
Coffee time (10min)			
	6	Topic	The Potential of Functional Food for Cognitive and Psychological Health
20		Speaker	Prof. Louise Dye: President of the International Life Sciences Institute (ILSI Europe), University of Sheffield
	7	Topic	Development of Traditional Chinese Functional Foods
20		Speaker	Prof. Li Ni: Director of Institute of Food Science and Technology of Fuzhou University, President of Fujian Institute of Food Science and Technology
20	8	Topic	Bioavailability of Brain-Beneficial Peptides (Video report)
		Speaker	Prof. Toshiro Matsui: President of the Japanese Society for Food Science and Technology, Kyushu University
12:30-13:30		Lunch time	

13:30-17:50 2024/12/7 Afternoon

Session 2: The Public Health Crisis and Future Health

Co-Chairs:

Prof. Gangqiang Ding: Chief Scientist of Institute of Nutrition and Health, Chinese Center for Disease Control and Prevention (CDC)

Prof. Patrick Wall: Co-Chair of the Conference, Chair of the International Advisory Board of the Saudi Food and Drug Administration

	9	Topic	Strategic Investment in Nutrition: Now and the Next Generation (Proposed)
25		Speaker	Prof. Shenggen Fan: Scientific Advisory Committee to FAO Director-General, Director of the Institute of Global Food Economics and Policy, China Agricultural University, and Former Director of the International Food Policy Research Institute (IFPRI)
	10	Topic	Interlinkages between Vascular Disease and Consumption of Ultra-processed Foods: Confronting the Public Health Crisis (video report)
20		Speaker	Dr. Moez Sanaa: Unit Head of Standards and Scientific Advice on Food and Nutrition (SSA) at WHO

	11	Topic	"2030 Healthy China" Strategy (proposed)
25		Speaker	Prof. Gangqiang Ding: Chief Scientist of Institute of Nutrition, Health of Chinese Center for Disease Control and Prevention (CDC)
	12	Topic	Global Functional Food Development Bottleneck and Future Way Forward
40		Speaker	Prof. Pingfan Rao: Chair of the Conference, President-Elect of the International Academy of Food Sciences and Technology
	13	Topic	Promoting the "Food First Strategy" to Enhance Human Health in a Comprehensive Manner
30		Speaker	Prof. Patrick Wall: Co-Chair of the Conference, Chair of the International Advisory Board of the Saudi Food and Drug Administration
Coffee time and Poster presentation (20 min)			
	14	Topic	Embracing the Age of Precise Nutrition
25		Speaker	Prof. Xin Wang: Zhejiang Academy of Agricultural Sciences
	15	Topic	Understanding the Function of Food at Nanoscale
20		Speaker	Prof. Lijing Ke: Secretary-General of the Conference, University of Leeds
	16	Topic	From Food Structure to Human Body Structure
20		Speaker	Prof. Huaiyu Gu: Chinese Academy of Medical Sciences/Peking Union Medical College
10 TO 15		Topic	
		Speaker	GForSS
	17	Summary	Summary of the First Day of the Conference
5		Speaker	Prof. Patrick Wall: Co-Chair of the Conference, Chair of the International Advisory Board of the Saudi Food and Drug Administration
8:30-12:30 2024/12/8 Morning			
8:30-8:40	Pre-Conference Sign in		
8:40-10:50	Session 3: Emerging Theories and Standards in Functional Food Development		
	Co-Chairs: Prof. Xiumei Liu: Honorary Vice President of the Chinese Institute of Food Science and Technology (CIFST) Ms. Judith Meech: IUFoST Secretary General		
30	18	Topic	Strategic Research on High Quality Development of China's Functional Food Industry (Proposed)

		Speaker	Prof. Mingyong xie: Fellow of the Chinese Academy of Engineering, Fellow of International Academy of Food Science and Technology
25	19	Topic	Orientation of the Codex Alimentarius Commission and its Five-Year Plan for Functional Food Codes and Standards (Proposed)
		Speaker	Dr. Jing Tian: Vice-Chairperson of the Codex Alimentarius Commission
15	20	Topic	Role and Prospects of Antioxidant Dual-use Functional Foods in Health and Disease Prevention and Control
		Speaker	Prof. Dongyun Shi: School of Basic Medical Sciences, Fudan University
15	21	Topic	Measuring Gut Microbiota Metabolite Kinetics - the Microbiome Effector Molecules
		Speaker	Prof. Kieran Tuohy: University of Leeds
15	22	Topic	Manifestation of Free Radical Channels in the Organism - a Theoretical Cornerstone of Functional Foods and Traditional Chinese Medicine
		Speaker	Dr. Jingke Guo: Zhicheng College of Fuzhou University
15	23	Topic	Food First Strategy: Harness the Power of Nanonutrients
		Speaker	Mr. Zhaoshuo Yu: University College Dublin
Coffee time (10min)			

11:00-12:30 Session 4: Emerging Technologies and Paradigms in Functional Food Development

Co-Chairs: Prof. Jianwu Zhou: Deputy Dean (Acting Dean), School of Food and Bioengineering, Fujian Polytechnic Normal University

Prof. Yapeng Fang: Deputy Dean, School of Agriculture and Biology, Shanghai Jiaotong University

15	24	Topic	Absorption Pathways of Dietary Flavonoids: Potential Role of Intestinal Lymphatic Transport
		Speaker	Prof. Kaeko Murota: President of the International Conference on Food Factors (ICoFF), Shimane University,
15	25	Topic	Gelation Behaviors and Network Structures in Mixed Biopolymer Solutions From Macroscopic and Microscopic Viewpoints
		Speaker	Prof. Shingo Matsukawa: Fellow of International Academy of Food Science and Technology, Tokyo University of Marine Science and Technology

15	26	Topic	Evaluating Nutrition and Health Claims to Safeguard Consumer Trust and Prevent Misleading Information
		Speaker	Dr. Fahad Al Badr: Head of Food Products Evaluation Section of SFDA
15	27	Topic	Genistein Attenuates Neuronal Damage Induced by High Glucose via PI3K/Akt Signaling Pathway
		Speaker	Prof. Baojun Xu: Head of Department of Life Sciences, Hong Kong Baptist University, Beijing Normal University, Fellow of the Royal Society of Chemistry
15	28	Topic	Synthesis and Application of Superoxide Dismutase Fused with Protein Transduction Domain
		Speaker	Prof. Shutao Liu: Director of the Institute of Bioengineering, Fuzhou University

12:30-13:30

Lunch time

2024/12/8 Afternoon

13:30-15:30

Session 5: Modernization and Innovation of Medicinal and Edible Ingredients

Co-Chairs:

Prof. Li Li: Professor at Hangzhou Normal University

Dr. Ting Lu: Postdoctoral Fellow, Hangzhou Normal University; Guest Researcher, European Food Safety Authority

15	29	Topic	Combined Therapeutic Programs Based on Intestinal Flora and Medicinal Products
		Speaker	Prof. Li Li: Director of the Department of Traditional Chinese Medicine, Affiliated Hospital of Hangzhou Normal University
15	30	Topic	Discussion on the Origin and Mode of Dietary Health Care in Chinese Medicine for the Treatment of Premature Disease
		Speaker	Prof. Jin Zhang: Director, Center for Future Diseases, Xiyuan Hospital, China Academy of Traditional Chinese Medicine
15	31	Topic	Current Situation, Problems and Countermeasures for the Development of High Value Utilisation of Eucommia
		Speaker	Prof. Youji Li: Dean of the School of Chemistry and Chemical Engineering, Jishou University, Western Light Scholar
15	32	Topic	Functional foods and intestinal flora
		Speaker	Prof. Jinjun Li: Researcher, Zhejiang Academy of Agricultural Sciences

15	33	Topic	Functional Food Flavors
		Speaker	Prof. Xingran Kou: Assistant Director of the Provincial-Ministerial Joint Collaborative Innovation Center for Fragrance, Flavors, and Cosmetics, Shanghai Institute of Technology
15	34	Topic	Food and Medicine and Digestive Diseases
		Speaker	Prof. Yanjun An: Director of Spleen and Stomach Center, Affiliated Hospital of Shanxi University of Traditional Chinese Medicine
15	35	Topic	Flavonoids in Oncological Nutritional Management
		Speaker	Dr. Zezhi Shan: Fudan University Cancer Hospital
15:30-15:35		Coffee time (5 min)	
15:35-16:45 Session 6: The Future of Functional Food			
Session Chair: Prof Wang Xin: PhD, University of Cambridge; Zhejiang Academy of Agricultural Sciences, China			
15	36	Topic	Food First Strategy: FoodGym: Exploring the Industrialisation of Functional Foods from Agricultural Plants for the Future of Space Foods, with Quinoa and Floating Weed as Examples
		Speaker	Mr. Hailang Chen: Chair of the Board of Directors of FoodGym Group Co., Ltd.
15	37	Topic	Edible Insects as a Model for Functional Food Development
		Speaker	Dr. Dominic Agyei: University of Otago
15	38	Topic	Unlocking the Power of Chillies: Capsaicinoids Functions and Encapsulation
		Speaker	Prof. Francisco Martín Goycoolea: University of Murcia
15	39	Topic	Decoding the Antioxidative Power of Polyphenols with Multi-Task Deep Learning
		Speaker	Dr. Dachuan Zhang: ETH Zurich
16:45-18:00 Session 7: High-Level Intergovernmental Forum			
Co-Chairs:			
Prof. Pingfan Rao: Conference Chair and President-Elect of the International Academy of Food Sciences and Technology			
Prof Samuel Godefroy: President of the International Union of Food Science and Technology (IUFoST)			
16:45-17:10	40	Round-table forum	Interactive discussion among participants

17:10-17:30	41	Event	Establishment of IUFoST-Codex Joint Task Force (Food First Task Force) and Launch of Beijing Declaration
17:30-17:50	42	Award Ceremony	Outstanding Poster, Outstanding Volunteer, Outstanding Presentation Award, Science Communication Award, Youth Leadership Award, Global Functional Food Industry Award
17:50-18:00	43	Closing	Summary by the Chair of the General Conference and Closing