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FOR ORAL ABSTRACT PRESENTATION SCHEDULE AND LATEST UPDATES OF THE PROGRAMS, PLEASE REFER TO THE SCHEDULE ON THE WEBSITE.



### **WELCOME REMARKS**

Dear colleagues and friends,

Welcome to the 14<sup>th</sup> Asian Congress of Nutrition (ACN)! Entrusted by the Federation of Asian Nutrition Societies (FANS), it is a great honor for the Chinese Nutrition Society to host the 14<sup>th</sup> ACN in Chengdu, China, from Sept. 14 to 17, 2023.



Since 1971, ACN has been held every four years to gather innovative minds and empower knowledge exchange in the realm of nutrition. From the official establishment of FANS in 1973, it has walked over 50 years of remarkable

progress. This year, we are exceptionally privileged to commemorate and celebrate this milestone through the fruitful four-day conference program of the 14<sup>th</sup> ACN, enabling us to reflect on the nutrition science journey as an organization and envision the future with novel ideas and exciting discoveries.

The theme of the 14<sup>th</sup> ACN is "*Feeding the Future by Sustainable Nutrition*". Under this theme, we aim to encourage discussions and gain valuable knowledge on a broad range of nutritional issues, fostering professional connections. Hundreds of academic activities and scientific exhibitions are going to be unveiled in the next four days. The 16<sup>th</sup> China Nutrition Science Congress is also being held simultaneously. We extend our heartfelt gratitude to all the eminent scientists, professors, scholars, doctors, and dietitians from around the world, whose invaluable participation has made these programs possible. We believe that the 14<sup>th</sup> ACN will play a pivotal role in fortifying the Asia and international network of researchers and professionals, facilitating with advancements in the field of nutrition.

Well known as the "Land of Abundance" with numerous delicious food, Chengdu is an important birthplace of the ancient "Shu Culture" and an ideal setting for an enriching cultural experience. We hope everyone can enjoy this academic feast, meet new friends, and savor the beautiful and delightful local cuisine of Chengdu.

Lastly, we extend our special thanks to the China's State Food and Nutrition Consultant Commission, National Nutrition and Health Commission, and the Chengdu Municipal Government in Sichuan Province for their support to the congress.

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I wish all of you a valuable and great time! Thank you.

Prof. Yuexin Yang Chair, Organizing Committee of 14<sup>th</sup> ACN 2023 President, Chinese Nutrition Society President, Federation of Asian Nutrition Societies 2023-2027

### Organizations

### Organized by:

Organizing Committee of 14<sup>th</sup> ACN 2023 Federation of Asian Nutrition Societies (FANS) Chinese Nutrition Society (CNS) National Institute for Nutrition and Health, China CDC

### **Under the Auspices of:**

International Union of Nutritional Sciences (IUNS) National Nutrition and Health Commission, China State Food and Nutrition Consultant Commission, China China Association for Science and Technology Chengdu Municipal People's Government, China

### Supported by:

China National Center for Food Safety Risk Assessment China Health Promotion Foundation National Center of Technology Innovation for Dairy China Agricultural University, College of Food Science and Nutritional Engineering Chinese Preventive Medicine Association Chinese Association for Student Nutrition and Health Promotion Chinese Medical Doctor Association, Nutrition Professional Committee China Anti-Cancer Association, Nutritional Oncology Committee China union of Life Science Societies China Nutrition and Health Food Association Institute of Biotechnology and Health, Beijing Academy of Science and Technology West China Second University Hospital, Sichuan University West China School of Public Health, Sichuan University Sichuan Tourism University School of Culinary Science Food Safety Monitoring and Risk Assessment Key Laboratory of Sichuan Province Sichuan Nutrition Society Sichuan Province Food Safety Society Sichuan Dietetic Association

### Organizations

### **International partners:**

Food and Agriculture Organization of the United Nations (FAO) WHO Regional Office for the Western Pacific FAO International Network of Food Data Systems (INFOODS) Northeast Asia Food Data Systems (NEASIAFOODS) UNICEF China Office International Carbohydrate Quality Consortium (ICQC) The Nutrition Society - British Journal of Nutrition Southeast Asia Public Health Nutrition (SEA-PHN) Network Korean Society of Food Science and Technology (KoSFost) Multidisciplinary Digital Publishing Institute (MDPI) American Society for Nutrition - The Journal of Nutrition World Animal Protection ILSI Global and ILSI Southeast Asia Region French Society of Nutrition

### FANS members (countries/regions):

Singapore Nutrition and Dietary Association Nutrition Association of Thailand (NAT) Nutrition Society of Bangladesh Nutrition Society of India (NSI) Iranian Society of Nutrition Japan Society of Nutrition and Food Science Nutrition Society of Malaysia Mongolian Association of Nutrition and Food Service Management Nutrition Society of Sri Lanka Vietnam Nutrition Association Nutrition Society of Pakistan Lebanese Academy for Nutrition and Dietetics Hong Kong Nutrition Association, China Food and Nutrition Society of Indonesia The Korean Nutrition Society Nutrition Foundation of the Philippines

### Committess

### **Organizing Committee**

### Chair:

Prof. Yuexin Yang	National Institute for Nutrition and Health, China CDC
Member:	
Prof. Aiguo Ma	Qingdao University
Prof. Beiwei Zhu	Dalian Polytechnic University
Prof. Fazheng Ren	China Agricultural University
Prof. Wei Cai	Shanghai Jiao Tong University
Prof. Xiaoguang Yang	National Institute for Nutrition and Health, China CDC
Prof. Cuiqing Chang	Peking University Third Hospital
Prof. Rong Xiao	Capital Medical University
Prof. Wenhua Ling	Sun Yat-sen University
Prof. Liegang Liu	Huazhong University of Science and Technology
Prof. Zengning Li	The First Hospital of Hebei Medical University
Prof. Kang Yu	Peking Union Medical College Hospital
Prof. Gangqiang Ding	National Institute for Nutrition and Health, China CDC
Prof. Changhao Sun	Harbin Medical University
Prof. Duo Li	Qingdao University
Prof. Youfa Wang	Xi'an Jiaotong University
Prof. An Pan	Huazhong University of Science and Technology
Prof. Junhua Han	Chinese Nutrition Society

### **Advisory Board**

Prof. Longde Wang Prof. Keyou Ge Prof. Junshi Chen Prof. E Siong Tee

### **Executive Committee**

Abdolreza Norouzy Ahmad Sulaeman B. Sesikeran Ching-Jang Huang Dhammika Senanayake E Siong Tee Enkhtaivan Gombosuren Ghazala Perveen Gordon Cheung Hardinsyah Hemalathra R Hiroshi Yoshida Jeongseon Kim Prof. Hardinsyah MS Prof. Hizanori Kato Dr. Juliawati Untoro Prof. Ahmad Sulaeman

Kalpana Bhaskaran Kraisid Tontisirin Le Thi Hop Mahenderan Appukutty Nahla Hwalla Nalinee Chongviriyaphan Sung Nim Han Teruo Miyazawa Victoria N. Manze Yuexin Yang Zahirul Haque Bhuiya Zhenrui Zhao

### **Congress Information**

### **Date and Venue**

Date: Sept. 14-17, 2023 Venue: Tianfu International Convention Center 3333 Shuzhou Road Shuangliu District, Chengdu, Sichuan Province, China Wifi: TFICC Password: 88888888

### Registration

The Registration Desk (North Hall of the Convention Center, 1st floor) is open during the following hours:Thursday, Sept. 1410:00 AM - 10:00 PMFriday, Sept. 15 - Saturday, Sept. 167:30 AM - 8:00 PMSunday, Sept. 177:30 AM - 5:30 PM

### Name Badge and Conference Material

Each registered participants will receive a name badge and conference material upon registration. Please keep your name badge properly and wear it during all congress activities. No admission to sessions, exhibitions and official functions included in the registration fee will be granted without the congress name badge.

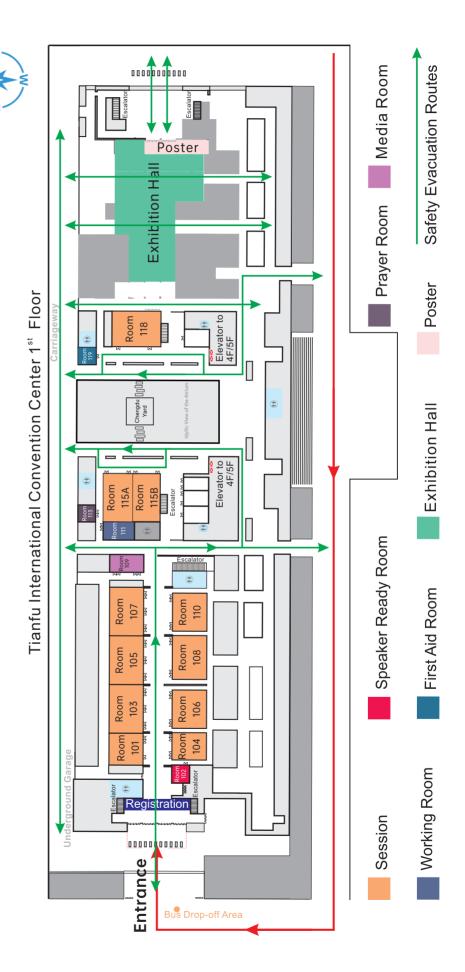
### **Security Check**

The entry security check for this congress will be conducted at the North Hall on the 1<sup>st</sup> floor of the Convention Center. Representatives attending the congress are requested to enter in an orderly manner and actively cooperate with the security personnel for the security check. Please do not bring any dangerous items such as knives, inflammable or explosive materials into the venue. Please hold beverages, mineral water, and thermos cups in your hands in advance.

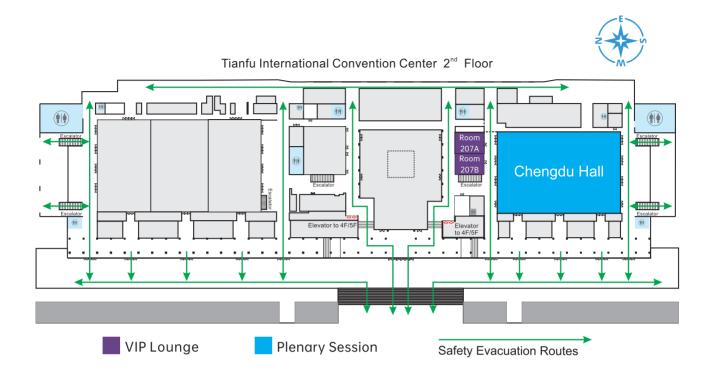
### **Information Desk**

For any more inquires regarding the congress, please visit the Information Desk (North Hall of the Convention Center, 1<sup>st</sup> floor).

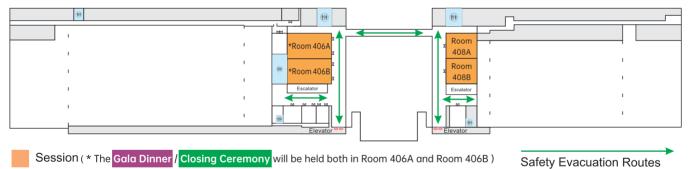


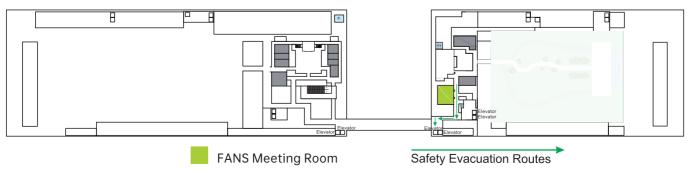






### Tianfu International Convention Center 4<sup>th</sup> Floor





### Tianfu International Convention Center 5<sup>th</sup> Floor

### **Oral Presentation**

- If there are any changes to your presentation after you have uploaded your slides, please bring them on a portable drive to the Speaker Ready Room within 24 hours prior to your scheduled session.
- All speakers are encouraged to visit the Speaker Ready Room (Slides/PPT uploading) at least 4 hours in advance of your presentation to test your slides. With such a test, you could ensure all multimedia elements are functioning properly, and familiarize yourself with the setup and equipment.

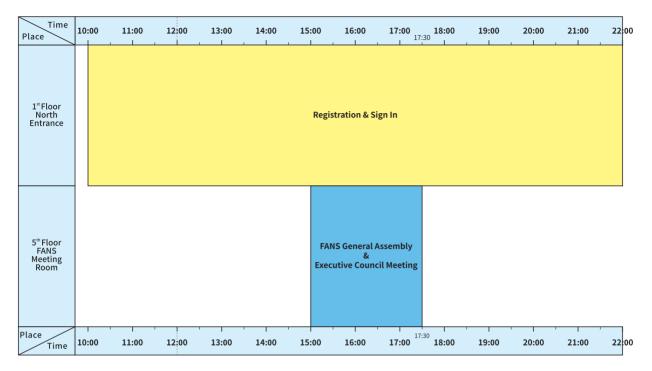
SPEAKER READY ROOM HOURS						
ROOM 102, TIANFU INTERNATIONAL CONVENTION CENTER						
Thursday, Sept. 14	10:00 AM - 10:00 PM					
Friday, Sept. 15	7:30 AM - 8:00 PM					
Saturday, Sept. 16	7:30 AM - 8:00 PM					
Sunday, Sept. 17	7:30 AM - 5:30 PM					

- Please check your oral presentation schedule on congress website: www.acn2023.org. Make sure to arrive for your designated oral session at least 10 minutes prior to the start of the session and sit in the front row of the session room.
- All speakers are required to follow assigned time for presentation, and there will be a countdown reminder on the screen.
- In case of any last minute changes, please check the schedule on the website to confirm the specific date and time.

### **Poster Presentation**

- All posters will be featured in the Exhibition Hall of the Tianfu International Convention Center.
- For e-poster presenters, please come to the poster session at assigned time slots to share your abstracts on the e-poster boards.
- For Best Poster Candidates, please set up and present your posters according to the instructions sent previously in the email.
- In case of any last minute changes, please check the schedule on the website to confirm the specific date and time.

### Thursday, Sept. 14



### Friday, Sept. 15

Time Place	9:00	<b>10:00</b>	11:00	12:00	13:00	14:00	15:00	<b>16:00</b>	17:00	18:00	19:00	<b>20:00</b>	<b>21:00</b>
2 <sup>nd</sup> Floor Chengdu Hall	Opening Ceremony	Welcome Remarks	Coffee Break	Plenary Session	Lunch Break		Plenary Session	Coffee Break	Plenar Session	{			
Room 406												Dinner	
Place Time	9:19 9:00	5 <b>10:00</b>	10:50 <b>11:00</b>	12:00	12:50 <b>13:00</b>	14:00	15:00	16:15 16:00	17:00	18:00 <sup>18:3</sup>	0 <b>19:00</b>	<b>20:00</b>	<sup>:30</sup> 21:00

### Schedule at a Glance

### Saturday, Sept. 16

Time Place	8:00	9:00 10	<b>):00 11:00</b>	12:00	13:0	) <b>14</b>	1:00	<b>15:00</b>	16:00	<b>17:00</b>		:00 19:00	20:	20;30
101		Fatty Acid Comp Nutrition: Current Knowled Perspectives	oosition and Human dge and Future		HMO - from Science Industr			thy Aging ar ication	nd Edible Oil			Oral 12		
103		Food as Medicin Innovation	e: Inheritance and		Oral	1	phyt		nd senior we lay a role in			Processing for N Enhancing Food Nutritional Valu	l Quality	
104		Bridging the Gap for Obesity Prevo Management	p: Nutritional Strateg ention and	gies	Oral	2			and Populati Ince and Inte			Sustainable N The Future an Development Goat/Sheep M	d of	:
105		Vitamin K2 (MK- Progress	7) Clinical Research		Oral	3			m Basic Clini ndational Dis			16th China Nuti Science Congre		
106			Carbohydrate Qualit Alth – Asia Pacific 3	by	Oral	4	Reev		cience of DR sting DRIs ar re Needs			Oral 13		
107			and Health: New very, and Direction		Oral	5	Goat	Milk Nutriti	on and Appl	ication		Oral 14		
108		Early Life Nutriti Development	on and Childhood		Caffein and Health	2		st Trends in ition Solutio	Early Life Sp ons	ecial		Oral 15		
110		International Nu	trition Policy Summ	it	Oral	6		ntifical Evide n Gut to Hol	ence Based G istic Health	iut Health:		Empowering To Nutrition Leade Young Scholars Innovative Nutr Health Research	rs: The Forum o ition and	on
115A		Nutrition Innova Demand: Resear Perspectives	ition for Clinical rch and Developmer	nt	Oral	7	Grou		inical Nutritio Discoveries			Oral 16		
115B			olution: Exploring vation and Scientific		Oral	в			norrow - Ber m Microorga			Oral 17		
118			trition Through Omi alth and Wellness	ics:	Oral	Э		itional Need onalized Nut	ls and Practio trition	ce on		Oral 18		
406A		Addressing Obes Science into Acti	sity: Transforming ions		Oral :	.0		vation from	on: Collabora Scientific Re					
408A		INFOOODS/NEAS Food, Big Data a	SIAFOODS Workshop and Nutrition	p:	Oral	.1			SIAFOODS W Ind Nutrition			Oral 19		
408B		Novel Nutrient Profiling System for the Rich Asia Food Culture		lth I	Lunch Break	lut Consumpt Ind the Preventior Prevalent Diseases/ Conditions	n of	Rethink F Needs ar Micronut Fortificati Asia - Session 1	nd rients ion in	Rethink Protein Nee and Micronutrie Fortification Asia - Session 2	nts	Oral 20		
Place	8:00		10:30 ):00 <b>11:00</b>	12:05 12:00	13:0	13:30 ) <b>14</b>	1:00	14:45 <b>15:00</b>	16:15 16:00	17:20 17:00	18	:00 19:00	20:	20:30

### Schedule at a Glance

### Sunday, Sept. 17

Time <b>8:00</b> Place	9:00         10:00         11:00         12:00         13:00         14:00         15:00         16:00         17:00         18:00         19:00           8:30         12:30         13:30         15:30         17:30         18:10         19:00
101	Optimizing Health and Performance:       The Role of Nutrition in Exercise and Sports       Oral 21       From Diet to Dementia:       Investigating the Role of Nutrition in Brain Health
103	Navigating Micronutrients: From Science to Practice Oral 22
104	From Plates to Microbes: How Nutrition Influences the Human Microbiota and Health Oral 23 Oral 23 From Plates to Microbes: How Nutrition Influences the Human Microbiota and Health
105	A Life Time of Opportunity - Connection of Oligosaccharides and Gut Microbiota Oral 24 Dietitian Development and Future Diet Innovation Forum
106	Science-based Health Claim in Foods     Oral 25     Nutrition for Community Health
107	Nutrition Innovation and Health Management of Dairy through the Lifespan         Oral 26         Key Nutritional Health Issues of School Children
108	New Progress of Maternal and Child Nutrition         Oral 27         Nutrition and Cognition in Early Life
110	Foundational Nutrition: A Comprehensive Approach to Optimize the Holistic HealthOral 28Special Foods and Well-being: Balancing Safety and Functionality (Health Supplements, Medical Foods, Infant Foods)
115A	Optimizing Cancer Care: Standardized Nutritional Management for Improved Patient Outcomes       Oral 29       Research Progress of Nutrition and Diabetes: from Basic to Clinic
115B	Nutrition Science and Technological Innovation         Oral 30         Nucleotides Research: Function and Application
118	The Science of Aging: Nutritional Approaches for Healthy Aging Oral 31
406A	Nutrition Education: Practice from a Global Perspective Closing Ceremony
406B	
408A	New Advances in Clinical Application of FSMP and Registered Dietitian Professional Practice     Oral 32     Innovations in Dietary Guidelines: New Approaches and Country Experiences
408B	Low Sodium Product Intervention: Policy and Health Impact Scientific Writing for Publication
Place Time	8:30 12:30 13:30 15:30 17:30 18:10 9:00 10:00 11:00 12:00 13:00 14:00 15:00 16:00 17:00 18:00 19:00
Nutrition & Su	stainable Development 📃 Public Health Nutrition 📄 Basic Nutrition Research 📰 Food & Nutrition 🦳 Oral Abstract Presentation
Nutrition acros	ss the Lifespan 📄 Nutrition Education 📄 Clinical Nutrition 🤤 Precision Nutrition

Closing Ceremony

### **Plenary Session Program Schedule**

### **Plenary Schedule**

Time: Sept. 15, 8:30-18:30 Room: Chengdu Hall

8:30-9:00 **Pre-conference Entrance** 9:00-9:15 **Cultural Performance** 9:15-9:20 Welcome Remarks Prof. Yuexin Yang Chair of 14<sup>th</sup> Asian Congress of Nutrition Organizing Committee Chinese Nutrition Society, President 9:20-9:30 **Opening Remarks** Prof. Hardinsyah, MS, PhD Federation of Asian Nutrition Societies (FANS), President 2019-2023 Dr. Lynnette Neufeld Food and Nutrition Division (ESN) of FAO. Director 9:30-10:00 **Opening Speech (from Government Representatives)** 10:00-10:40 FANS 50th Awards Announcement 10:40-10:50 **Coffee Break** 

### **Plenary Lecture Part 1**

Chair: Prof. Yuexin Yang/Prof. Hardinsyah, MS, PhD

- 10:50-11:30 Healthy Diets: Advances in Definitions and Data to Inform Effective Actions Dr. Lynnette Neufeld Food and Nutrition Division (ESN) of FAO, Director 11:30-12:10 Holistic Health and Microecosystem Homeostasis Mr. Bin Cong The 15th Central Committee of Jiusan Society, Vice President The Constitution and Law Committee of the 14th National People's Congress (NPC), Vice-Chairperson The Chinese Academy of Engineering, Academician 12:10-12:50 **Sustainable Nutrition and Development** Dr. Juliawati Untoro World Health Organization Regional Office for the Western Pacific (WHO WPRO), Nutrition Technical Lead
- 12:50-14:00 Lunch Break

### **Plenary Session Program Schedule**

Plenary Lecture Part 2

Chair: Prof. Wei Cai/Prof. Jeongseon Kim

14:00-14:40 The Evolution of China's Dietary Practices: Implications to Chronic Disease Prevention and Management
 Prof. Gangqiang Ding
 National Institute for Nutrition and Health, China CDC, Director

 14:40-15:20 Omics Tools for Precision Management of Obesity
 Prof. Alfredo Martinez

International Union of Nutritional Sciences (IUNS), Immediate Past President Precision Nutrition Programs at IMDEA, Spanish, Director

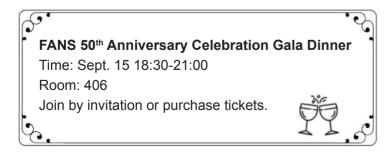
15:20-16:00 **Empowering Aging Society through Sustainable Nutrition** Prof. Dr. Hyun-Sook Kim International Union of Nutritional Sciences (IUNS), President-Elect Sookmyung Women's University, Korea, Professor

16:00-16:15 Coffee Break

### Plenary Lecture Part 3

Chair: Prof. Wenhua Ling/Prof. Laxmaiah Avula

- 16:15-16:55 **Toward the Implementation of Precision Nutrition** Prof. Hisanori Kato *Kagawa Nutrition University, Japan, Professor*
- 16:55-17:35 Nutrition Competence, GDP and Food Security as Predictors of Nutritional Issues in the Asian Countries Prof. Rubina Hakeem International Union of Nutritional Sciences (IUNS), Council Member The Department of Human Nutrition and Dietetics at Ziauddin University Karachi Pakistan, Head
- 17:35-18:15 **The Evolving Roles of a Dietitian in a Sustainable Healthcare Environment** Ms. Pek Yee Chow *The Federation of Asian Nutrition Societies (FANS), Past President 2011-2015 Department Khoo Teck Puat Hospital, Singapore, Head*
- 18:15-18:20 Closing of Plenary Lecture



### **Closing Ceremony Schedule**

### **Closing Ceremony**

**Date:** Sept. 17, 16:00-17:00 **Room:** 406

- 16:00-16:05 14<sup>th</sup> ACN Video Recap
- 16:05-16:10 14<sup>th</sup> ACN Report
- 16:10-16:20 14<sup>th</sup> ACN Best Poster Award Announcement
- 16:20-16:30 16<sup>th</sup> CNSC Best Poster Award Announcement
- 16:30-16:40 Conference Travel Award Announcement
- 16:40-16:50 Best Oral Award Announcement
- 16:50-17:00 15<sup>th</sup> ACN Preview
- 17:00-17:30 Group Photo

**Closing Ceremony** 

Lunch Session 16

### New Insights of Carbohydrate Quality and Human Health-Asia Pacific Symposium 2023

Date: Sept. 16, 8:30-12:00 **Room:** 106

Hosted by:	International Carbohydrate Quality Consortium (ICQC) Institute of Biotechnology and Health, Beijing Academy of Science and Technology National Institute for Nutrition and Health, China CDC Chinese Nutrition Society
Chair:	Prof. Simin Liu Prof. Xuesong Xiang
08:30-08:40	Opening Speech
08:40-09:10	The interaction of dietary carbohydrates with health Simin Liu Brown University, Professor
09:10-09:40	<b>Carbohydrate quality and cancer</b> Livia S. Augustin <i>National Cancer Institute Pascale (Naples, Italy), Professor</i>
09:40-10:10	Whole grain, fiber and health Yifang Chu <i>PepsiCo.</i>
10:10-10:20	Tea Break
10:20-10:40	<b>The chrono-effects of carbohydrate on cardio-metabolic diseases</b> Tianshu Han <i>Harbin Medical University, Professor</i>
10:40-11:00	<b>Update on Carbohydrate Quality</b> Jing Zhu <i>Institute of Biotechnology and Health, Beijing Academy of Science and Technology,</i> <i>Professor</i>
11:00-11:20	Glycaemic Index Labelling: Global and China Perspective Xuesong Xiang National Institute for Nutrition and Health, China CDC, Professor
11:20-11:30	Closure remarks Simin Liu Brown University, Professor

### **International Nutrition Policy Summit**

Date: Sept. 16, 8:30-12:00 **Room:** 110

Hosted by: Supported by: Chair:	Regulatory Committee, Chinese Nutrition Society Mead Johnson China Prof. Junhua Han Dr. Peter Van Dael Prof. Colin D. Rudolph Dr. Sa Xu
08:30-08:40	Opening Speech
08:40-09:05	<b>Regulation on FSMP Registration and Thinking of Supervision</b> Department of Special Food Safety Supervision and Regulation of State Administration for Market Regulation
09:05-09:30	Introduction on FSMP regulation in global scope Peter Van Dael, PhD Ulster University, Northern Ireland, UK, Global expert of nutrition regulation, Assoc. Prof.
09:30-09:55	<b>Technical Requirements and Future Prospects for FSMP of Sarcopenia</b> Jianqin Sun, PhD <i>Huadong Hospotal Affiliated to Fudan University, Leading expert of Nutrition, Professor</i>
09:55-10:20	<b>CMPA Clinical Nutrition Management</b> Colin D. Rudolph <i>University of California, San Francisco, Professor of Clinical Pediatrics</i>
10:20-10:45	China Nutrition Standards-current and future Junhua Han, PhD Chinese Nutrition Society, Secretary-General, Professor
10:45-11:10	Outline of Food Labelling Systems for Nutrition and Function Claims in Japan ISHIMI Yoshiko Tokyo University of Agriculture - Nodai Research Institute, Professor
11:10-11:35	Research Progress and Global Regulations of an Inanimated Saccharomyces cerevisiae and its metabolites Justin Green, PhD <i>Global Expert of ISAPP, IPA and CRN</i>

Addressing C	Dbesity: Transforming Science into Actions       Date: Sept. 16, 8:30-12:00         Room: 406A
Hosted by: Chair:	WHO Regional Office for the Western Pacific Dr. Julliawati Untoro
08:30-08:35	<b>Introduction</b> Julliawati Untoro WHO Regional Office for the Western Pacific, Nutrition, Techinical Lead
08:35-08:50	Regional overview: addressing obesity today, to protect the health of future generations Julliawati Untoro WHO Regional Office for the Western Pacific, Nutrition, Techinical Lead
08:50-09:05	Healthy China strategies to improve food environments in schools, restaurants, and communities Jiao Xu Food Nutrition Division, Department of Food Safety Standard & Risk Surveillance and Risk Assessment, National Health Committee, Director
09:05-09:20	Leveraging healthy food environments to address obesity: the experience in Singapore Ann Low Healthy Food & Dining, Health Promotion Board, Singapore, Director
09:20-09:35	<b>Regulating food marketing to children</b> Kathryn Backholer <i>Global Centre for Preventive Health and Nutrition, Deakin University, Professor</i>
09:35-09:50	Shokuiku: School-based interventions to prevent obesity - What works and how it can improve children's health Katsura Omori Yamagata University, Vice President, Professor
09:50-10:50	Penal discussion         Moderator:         Colin Bell         Institute for Health Transformation and School of Medicine, Deakin University, Professor         Participants:         Kathryn Backholer         Global Centre for Preventive Health and Nutrition, Deakin University, Professor         Ann Low         Healthy Food & Dining, Health Promotion Board, Singapore, Director         Katsura Omori         Yamagata University, Vice president and Professor         Juliawati Untoro         WHO Regional Office for the Western Pacific, Nutrition, Technical Lead         Jiao Xu
	Food Nutrition Division, Department of Food Safety Standard & Risk Surveillance and Risk Assessment, National Health Committee, Director
10:50-11:25	Discussion: Q&A

## psing Ceremony Symp

### **Concurrent Symposia Program Schedule**

### Date: Sept. 16, 8:30-12:00 Food as Medicine: Inheritance and Innovation **Room:** 103 Nutrition and Health Food Branch, Chinese Nutrition Society Hosted by: School of Public Health, Southeast University Institute of Biotechnology and Health, Beijing Academy of Science and Technology Supported by: Nutrilite Health and Wellbeing Institute (NHWI) Amway (China) Co.Ltd Chair: Prof. Yuexin Yang Ms. Jia Chen 08:30-08:40 **Host Opening Speech** Prof. Ying Gao Ms. Marissa Kuehn Prof. Guiju Sun Ms. Michelle Stout 08:40-09:05 Food as Medicine - Revitalizing ancient wisdom in the modern molecular context while the clock is ticking Renger Witkamp Nutritional Biology, Wageningen University & Research, Netherlands, Professor 09:05-09:30 Food as medicine under the view of modern nutrition Guiju Sun Southeast University, China, Professor 09:30-09:55 Indian food heritage-wisdom with the ages Niranjan Hegde Aapyam Ayurveda Treatment Centre, India, Professor 09:55-10:20 Health eating pattern and health aging Yuming Chen Sun Yat-Sen University, China, Professor 10:20-10:45 Characterization of dietary patterns and assessment of their relationships with metabolomic profiles: WELL-China cohort study Shankuan Zhu Zhejiang University, China, Professor Exploration of healthy pattern of morning nutrition: from theory to practice 10:45-11:10 Feijie (Jeffy) Wang, PhD Amway (China) R&D Center, China 11:10-11:35 Nutri-PEITC jelly, a functional food for tertiary cancer prevention: from basic research to clinical trial **Dunyaporn Trachootham** Institute of Nutrition, Mahidol University, Thailand, Associate Professor 11:35-12:00 Dangjo Chili Pepper: adding high value through jumping functional ingredients in Korean agricultural products Ji-Yeon Kim Seoul National University of Science and Technology, Korea, Professor

Early Life Nut	rition and Childhood Development	<b>Date:</b> Sept. 16, 8:30-12:00 <b>Room:</b> 108
Hosted by:	Shanghai JS Life Sciences Institute National Institute for Nutrition and Health, China C	DC
Supported by:	Nestlé (China) Ltd. Wyeth Nutrition	
Chair:	Dr. Junshi Chen Dr. Jena Derakhshani Hamadani Prof. Wenhua Zhao	
08:30-08:40	<b>Opening remarks</b> Junshi Chen Shanghai JS Life Sciences Institute, Director China National Centre for Food Safety Risk Asses	sment, Chief Adviser, Professor
08:40-09:05	Nutrition and early childhood development: a g Jena Derakhshani Hamadani International Centre for Diarrhoeal Disease Research, I	
09:05-09:30	Nutrition and early childhood development in C Zhenyu Yang National Institute for Nutrition and Health, China C	
09:30-09:55	Advancements in Nutritional Research for Early Milk Oligosaccharides (HMOs) Yumei Zhang School of Public Health, Peking University, Profess	
09:55-10:20	Role of Nutrient Blend on Developmental Myeli Early Brain Development Jie Shao Children's Hospital, Zhejiang University School of J	
10:20-10:30	Tea break	
10:30-10:55	Childhood: The Transformation Stage of Cogni the Key Role of Nutrients Jose Saavedra Johns Hopkins University, Professor	itive Function Development and
10:55-11:20	<b>Nutrition and cognitive development of school</b> Qian Zhang <i>National Institute for Nutrition and Health, China C</i>	•
11:20-12:00	Panel discussion and summary Junshi Chen Shanghai JS Life Sciences Institute, Director China National Centre for Food Safety Risk Asses Wenhua Zhao National Institute for Nutrition and Health, China C	

Dairy Nutrition and Direction	and Health: New Evidence, Discovery,	<b>Date:</b> Sept. 16, 8:30-12:00 <b>Room:</b> 107
Hosted by: Supported by: Chair:	Chinese Nutrition Society The Singapore Nutrition and Dietetics Association (SND Junlebao Dairy Group Prof. Kalpana Bhaskaran Prof. Meng Mao	A)
08:30-08:35	Opening Session	
08:35-09:05	Human Milk Oligosaccharides and Early Development of Meng Mao West China Second University Hospital, Sichuan Univer	-
09:05-09:35	Relevance of Dietary Glycemic Index, Glycemic Load Glucose Homeostasis Kalpana Bhaskaran <i>Temasek Polytechnic, Professor</i>	d on Maternal and Infant
09:35-10:05	Sharing of the latest data and clinical application of products in early infants Huidong Huang, Mr. Junlebao Dairy Group Nutrition Research Institute, Chie	
10:05-10:35	<b>Updates on Dairy nutrition and Child Growth</b> Hamid Jan Bin Jan Mohamed, PhD <i>School of Health Sciences, University Sains Malaysia, F</i>	Professor
10:35-11:05	Innovative dairy-based beverages to meet the nutrition hospitalised patients Karen Munday, PhD Representative of New Zealand Nutrition Society	ional needs of elderly and
11:05-11:35	Round Table Discussion (New progress in dairy nut health development) <i>All Speakers</i>	rients and population
11:35-11:45	Closing Summary Kalpana Bhaskaran Temasek Polytechnic, Professor	

Fatty Acid Composition and Human Nutrition: Current	Date: Sept. 16, 8:30-12:00
Knowledge and Future Perspectives	Room: 101

Hosted by:	National Nutrition Science Research Grant Committee Chinese Nutrition Society
Supported by: Chair:	Yihai Kerry Arawana Holdings Co., Ltd. Prof. Nam-Hai Chua
08:30-08:40	<b>Address</b> Nam-Hai Chua <i>The Rockefeller University, Andrew W. Mellon Professor</i>
08:40-09:05	Dietary Fatty Acids and Prevention of Chronic Diseases Guiju Sun School of Public Health, Southeast University, Professor
09:05-09:30	Effects of Blended Oils with Different Fatty Acid Ratios on Lipid Metabolism, Gut Microbiota and Potential Mechanisms in Prediabetes Changhao Sun Harbin Medical University, Vice President, Professor
09:30-09:55	<b>Develop precision minimal processing for the nutritional/health function of oil</b> Xingguo Wang School of Food Science, Jiangnan University, Professor
09:55-10:20	Scientific understanding of total fat, saturated fat and health effects Bing Zhang National Institute for Nutrition and Health, China CDC, Professor
10:20-10:45	Regulation of dietary fats on the homeostasis of glucose and fat metabolism and the safety control Yu Zhang
10:45-11:10	College of Biosystems Engineering and Food Science, Zhejiang University, Professor Essential Fatty Acids: Its Importance In the Early Life. Ahmad Sulaeman Department of Community Nutrition, Faculty of Human Ecology, IPB University Bogor
11:10-11:35	INDONESIA, Professor; Secretary General, FANS Unveiling longitudinal microbiome trends in a C15 intervention clinical trial Lim Junliang Kevin Wilmar Innovation Center, Scientist
11:35-12:00	<b>Practice of Nutritional Health and Fatty Acid Balance for Students</b> Qian Zhang National Institute for Nutrition and Health, China CDC, Professor

# ing Ceremony Symposia 16 AM Lunch Session 16

### **Concurrent Symposia Program Schedule**

### Bridging the Gap: Nutritional Strategies for Obesity Date: Sept. 16, 8:30-12:00 Room: 104 **Prevention and Management** Hosted by: Obesity Prevention and Control Branch, Chinese Nutrition Society Global Health Institute, Xi'an Jiaotong University International Obesity and Metabolic Disease Research Center, Xi'an Jiaotong University Supported by: Chair: Prof. Youfa Wang Prof. Mohd Ismail Noor 08:30-08:40 Global obesity epidemic needs global efforts Youfa Wang Obesity Prevention and Control Branch, Chinese Nutrition Society, President; Health Science Center, Xi'an Jiaotong University, Vice Director; Global Health Institute, Xi'an Jiaotong University, Dean 08:40-09:10 The WHO recommendations for fighting the global obesity epidemic Francesco Branca Department of Nutrition and Food Safety, WHO, Director 09:10-09:40 Prevention and management of obesity and diabetes: what in common? Akhtar Hussain International Diabetes Federation, President; Nord University, Professor 09:40-10:10 Combating obesity in Malaysia: efforts and challenges Mohd Ismail Noor University Kebangsaan Malaysia, Emeritus Professor in Nutrition; Taylor's University, Adjunct Professor (2023-2024) 10:10-10:25 A changing landscape in obesity treatment: do we still need prevention? Donna H. Ryan World Obesity Federation, Former President; Pennington Biomedical Research Center, Louisiana State University, Professor Emerita 10:25-10:40 China's national efforts to fight the obesity epidemic: focus on nutrition Jiao Xu Division of Food Nutrition, Department of Food Safety Standards, Risk Surveillance and Assessment, National Health Commission of the People's Republic of China, Director 10:40-10:55 Impact of COVID-19 pandemic on obesity risk Xiangyang Tian Academic Committee, Chinese Center for Health Education, Secretary General 10:55-11:10 Disparities of obesity and related risk factors in China and Western Pacific region Wen Peng Obesity Prevention and Control Branch, Chinese Nutrition Society, Secretary General; Nutrition and Health Promotion Center, Medical College, Qinghai University, Director The Link Between Sleep and Obesity in Children: Global Evidence 11:10-11:25 Jianduan Zhang Department of Maternal and Child Health, School of Public Health, Tongji Medical College, Huazhong University of Science and Technology, Professor 11:25-12:00 **Round table** All speakers

Vitamin K2 (MK-7) Clinical Research Progress       Date: Sept. 16, 8:3         Room: 105		<b>Date:</b> Sept. 16, 8:30-12:00 <b>Room:</b> 105
Hosted by: Supported by: Chair:	Nutrition and Health Food Branch, Chinese Nut Sungen Bioscience Co., Ltd. Prof. Yuexin Yang	rition Society
08:30-08:55	Industrial development progress of vitamin make life more exciting. Jiepeng Chen Sungen Bioscience Co.,Ltd., Chief Scientist	K2 in China - New discoveries
08:55-09:20	<b>Possible role of vitamin K (MK7) in nutrition</b> Kang Yu <i>Peking Union Medical College Hospital, Chief F</i>	
09:20-09:45	Investigation of Vitamin K2 in the Manageme Jing Tan The third people's hospital of Chengdu, Directo	
09:45-10:10	Vitamin K2 alleviates lipopolysaccharide-ind Shuzhuang Li Dalian Medical University, Physiology professor	
10:10-10:35	Vitamin K2 supplementation improves impaire sensitivity for type 2 diabetes through gut mice Ying Li Harbin Medical University, Vice President	•••
10:35-11:00	Nutritional status of vitamin K in pregnant w pregnancy complications and neonatal outcon Yongye Sun Institute of Nutrition and Health, Qingdao Unive	omes.
11:00-11:25	<b>Recent Progresses of Basic and Clinical Re</b> Yiu-Kay Lai Inst. of Biotechnology, National Tsing Hua Univ	
11:25-11:45	Nutrition and Bone Health: Current Evidence Yishu Ding Sanofi Consumer Healthcare, Sr. Medical Mana	

### Nutrition Innovation for Clinical Demand: Research and Development Perspectives

Date: Sept. 16, 8:30-12:00 Room: 115A

Hosted by: Supported by: Chair:	Maternal & Child Nutrition Center, West China Second University Hospital, Sichuan University Hainan Tian Zhuang Nutrition Engineering Co., Ltd. Prof. Guo Cheng
08:30-08:40	<b>Opening Session</b> Hui Wang School of Public Health, Shanghai Jiao Tong University, Professor, Dean Yuxia Ma School of Public Health, Hebei Medical University, Professor, Deputy Dean
08:40-09:05	Nutrition in the first 1000 days of life – long-term impact Berthold Koletzko University of Munich, Professor; Division of Metabolic & Nutritional Medicine, Dr. von Hauner Children's Hospital, University of Munich, Germany, Head
09:05-09:30	<b>Nutritional intervention for autism spectrum disorders in clinical practice</b> Fei Li <i>Xinhua Hospital Affiliated to Shanghai Jiao Tong University School of Medicine,</i> <i>Professor, Vice-President</i>
09:30-09:55	<b>Clinical cohort study and nutritional intervention in gestational diabetes mellitus</b> Guo Cheng <i>Maternal &amp; Child Nutrition Center, West China Second University Hospital, Sichuan</i> <i>University, Professor, Director</i>
09:55-10:10	Tea Break
10:10-10:35	Nutritional factors in the prevention of atopic dermatitis and food allergy in children Naoki Shimojo Chiba University, Japan, Professor
10:35-11:00	<b>Blood lipids and neurodegenerative diseases</b> Xiang Gao Department of Nutrition and Food Hygiene, School of Public Health, Fudan University, Professor, Director
11:00-11:25	<b>Soy consumption, pubertal timing and neuroendocrine regulation</b> Jingyuan Xiong West China School of Public Health and West China Fourth Hospital, Sichuan University, Associate Professor; Healthy Food Evaluation Research Center, Sichuan University, Pl
11:25-11:50	Prepregnancy weight change, gestational weight gain, and risk of gestational diabetes in Chinese women Xiongfei Pan West China Second University Hospital, Sichuan University, Professor; Laboratory of Epidemiology and Population Health, West China Second University Hospital, Sichuan University, PI

Gut Health Revolution: Exploring Ingredient Innovation and Scientific AdvancementsDate: Sept. 16, 8:30-12:00 Room: 115B		
Hosted by:	Zhongyinghui Nutrition and Health Research Institute Academy of Nutrition and Health, Chinese Nutrition So West China School of Public Health, Sichuan Universit	-
Supported by: Chair:	dsm-firmenich Prof. Lars Bode Prof. Yingyao Wang	y
08:30-08:40	Opening Session	
08:40-09:10	<b>The effect of HMOs on gut health and human nutrit</b> Lars Bode <i>University of California San Diego, Pediatrics and Dire</i> <i>Institute, Professor</i>	
09:10-09:35	Always Evidence-driven Innovation in Probiotics Seema Mody Master of Food Science, University of Guelph, Canada & Dietetics, National Dairy Research Institute	a; Master of Human Nutrition
09:35-10:00	<b>Cell factory engineering and process design to ma oligosaccharides (HMOs) available to the world</b> Niels Banke <i>HMO R&amp;D, Glycom, dsm-firmenich, Chief Science Offi</i>	
10:00-10:10	Morning Break	
10:10-10:40	<b>The effect of Probiotics on gastrointestinal health</b> Fang He West China School of Public Health, Sichuan Universit	
10:40-11:05	Health from Gut: the influence of nutritional ingredier Danica Bajic Prebiotics Task Force ILSI Europe, Scientific Expert	nts on human microbiome
11:05-11:30	<b>New innovation of Probiotics on gastrointestinal d</b> Ke Chen The Affiliated Women's and Children's Hospital, Schoo Physician, Professor	
11:30-11:55	<b>Gut-Health axis.How probiotics support adult healt</b> Bo Yang School of Food Science and Technology, Jiangnan Unive	
11:55-12:10	Q & A	

# ny Symposia 16 AM Lunch Session 16 Symposia

### Concurrent Symposia Program Schedule

### Personalized Nutrition Through Omics: A Frontier

in Health and Wellness

Date: Sept. 16, 8:30-12:00 Room: 118

Hosted by: Chair:	Harbin Medical University Prof. Changhao Sun Assoc. Prof. Kun Zhu
08:30-08:55	Mitochondrial DNA copy number and stroke prognosis Chaolong Wang Huazhong University of Science and Technology, Professor
08:55-09:20	The thrifty gene hypothesis and a severe human bottleneck due to climate changes in the Early Stone Age Haipeng Li Shanghai Institute of Nutrition and Health, Chinese Academy of Sciences, Professor
09:20-09:45	Longitudinal stability of vitamin D status and its association with bone health in young and older adults Kun Zhu University of Western Australia, Associate Professor
09:45-10:10	Weight loss in overweight individuals results in improvement in insulin resistance and alteration of multiple transcriptomic networks in muscle. Boxiang Liu National University of Singapore, Assistant Professor
10:10-10:35	The statistical strategy, method and its implementation of development of prognostic prediction models based on tumor omics data Ruyang Zhang Nanjing Medical University, Associate Professor
10:35-11:00	Personalized Nutrition: Exploring the Road from Clinical Research to Industrial Application Juntao Kan Amway China, Senior Scientist of Nutrition Investigation

INFOODS/NEASIAFOODS	Workshop:
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Food, Big Data and Nutrition

Date: Sept. 16, 8:30-12:05 Room: 408A

Hosted by: Supported by: Chair:	National Institute for Nutrition and Health, China CDC Chinese Nutrition Society Nutrition Big Data and Health Branch, Chinese Nutrition Society FAO-INFOODS NEASIAFOODS JOYVIO Group Dr. Bridget Holmes Prof. Zhu Wang
08:30-08:45	<b>Opening Session</b> Lynnette Neufeld <i>Food and Nutrition Division (ESN) of FAO, Director</i> Yuexin Yang <i>National Institute for Nutrition and Health, China CDC, Professor</i>
Section 1: Food co Chair: Dr. Enkhtaiv Prof. Zhu Wa	
08:45-09:10	A global overview of the state of food composition and recent FAO/INFOODS activities Bridget Holmes Food and Nutrition Division of FAO, Group Leader
09:10-09:35	<b>National surveillance for food nutrition during 2010-2020 in China</b> Zhu Wang National Institute for Nutrition and Health, China CDC, Professor
09:35-10:00	<b>Establishment of Asian food composition database</b> Leila Africa Phlippines, University of the Philippines Los Baños, Professor
10:00-10:25	Fostering Nutritional Advancement through Indigenous Food Systems Thingnganing Longvah National Institute of Nutrition, India, Professor
10:25-10:50	<b>The development of diversified food supply system in China</b> Dazhou Zhu <i>Institute of Food and Nutrition Development, Ministry of Agriculture and rural areas, Professor</i>
10:50-11:15	Food antioxidants and strategy to enhance their oral absorption Jingyuan Wen University of Auckland, Professor
11:15-11:40	Glycemic responses to various component diets: a 14-day continuous glucose monitoring study in elderly Chinese adults. Yuming Chen Sun Yat-sen University, Professor
11:40-12:05	<b>Dietary sugar levels and their health effects on the Chinese population</b> Jianwen Li National Center for Food Safety Risk Assessment, Associate Researcher

## **Closing Ceremony**

### **Concurrent Symposia Program Schedule**

### Novel Nutrient Profiling Systems for the

**Rich Asian Food Culture** 

Date: Sept. 16, 8:30-10:30 **Room:** 408B

Hosted by:	Chinese Nutrition Society Institute of Nutrition, Mahidol University Food Institute of Nutrition Research of the Philippines
Supported by: Chair:	Ajinomoto Co., Inc. Dr. E Siong Tee Dr. Adam Drewnowski
08:30-08:50	Novel NPS Adapted to the Needs of Southeast Asia Adam Drewnowski Center for Public Health Nutrition, University of Washington (USA), Director
08:50-09:10	A New Nutrient Profiling System (NPS) based on dishes Chie Furuta Food Research Institute, Ajinomoto Co., Inc. (Japan)
09:10-09:30	<b>The Thai NPS</b> Wantanee Kriengsinyos Institute of Nutrition, Mahidol University (Thailand)
09:30-09:50	The Philipinne HEI, assesment of the quality of the Filipino diet Imelda Angeles-Agdeppa Food and Nutrition Research Institute (Philippines)
09:50-10:30	Panel discussion Speakers

### Making a difference in public health nutrition

in Southeast Asia

**Date:** Sept. 16, 10:30-12:00 **Room:** 408B

Hosted by: Chair:	Southeast Asia Public Health Nutrition (SEA-PHN) Network Dr. E Siong Tee
10:30-10:35	Introduction, welcome remarks E Siong Tee, PhD SEA-PHN Network, Chair; Nutrition Society of Malaysia, President
10:35-10:50	About SEA-PHN Network – Rationale, Objectives, Operational Framework, Key network activities Nalinee Chongviriyaphan, MD, Professor SEA-PHN Network, Vice-Chairman; Nutrition Association of Thailand, President
10:50-11:05	School nutrition promotion programme using the GNHKC module Hardinsyah, PhD, Professor Federation of Asian Nutrition Societies, President; SEA-PHN Network, Council Member, Food and Nutrition Association of Indonesia, President
11:05-11:20	Food-based dietary guidelines in Southeast Asia countries Le Thi Hop, PhD, Professor Vietnam Nutrition Association, Council Member
11:20-11:35	<b>Recommended energy and nutrient intake values in Southeast Asian countries</b> E Siong Tee, PhD SEA-PHN Network, Chair; Nutrition Society of Malaysia, President
11:35-11:50	Discussion, Q & A Chair and all speakers of session
11:50-11:55	<b>Closing remarks</b> E Siong Tee, PhD <i>SEA-PHN Network, Chair; Nutrition Society of Malaysia, President</i>

## Closing Ceremony Symposia 16 AM

### **Concurrent Symposia Program Schedule**

Human Milk Oligosaccharides - From

Human Milk O Science to Inc	Digosaccharides - From       Date: Sept. 16, 12:30-13:30         Iustry       Room: 101
Hosted by:	The Breast Milk Composition Technical Working Group of Chinese Nutrition Society
Supported by:	Kyowa Hakko Bio Co., Ltd.
Chair:	Prof. Hisanori Kato
12:30-13:00	Science of milk oligosaccharides as a basis for creating new industries Tadasu Urashima, PhD
	Obihiro University of Agriculture and Veterinary Medicine, Professor Emeritus
13:00-13:30	Industrial Production of Human Milk Oligosaccharides Using Microorganisms
	Tetsuro Ujihara, PhD
	Kyowa Hakko Bio Co., Ltd., Senior Research Scientist

Personalized solution based on Evidence-based research on caffeine and health

**Date:** Sept. 16, 12:30-13:30 **Room:** 108

Hosted by: Supported by: Chair:	Chinese Nutrition Society Nestlé (China) Ltd. Prof. Cuiqing Chang
12:30-12:40	Opening Session
12:40-13:10	<b>Evidence-based study on the association between caffeine and health</b> Guansheng Ma School of Public Health, Peking University, Professor
13:10-13:20	Personalized Caffeine Recommendation: research & predictive algorithm development Kai Yu Nestlé Research, Nestlé Institute of Health Sciences China Hub Manager
13:20-13:30	Panel Discussion Guansheng Ma School of Public Health, Peking University, Professor

### a 16 AM Lunch Se

### **Concurrent Symposia Program Schedule**

Advancing the Science of DRIs: Reevaluating ExistingDate: Sept. 16, 14:00-17:30DRIs and Identifying Future NeedsRoom: 106

Hosted by: Chair:	Chinese Nutrition Society Prof. Yuexin Yang
	Dr. E Siong Tee
14:00-14:10	Introduction and Welcome Yuexin Yang <i>Chinese Nutrition Society, President</i> E Siong Tee <i>Nutrition Society of Malaysia, President</i>
14:10-14:30	Review of recommended energy and nutrient intake values in Southeast Asian countries: thoughts for the way forward E Siong Tee, PhD Nutrition Society of Malaysia, President
14:30-14:50	Innovations in Methodologies for DRIs: Approaches, Challenges, and Opportunities Ann L.Yaktine, PhD, MS, RD Food and Nutrition Board, United States, Director
14:50-15:10	Adapting to Change: A Comprehensive Overview of China's 2023 DRIs Update Xiaoguang Yang, PhD National Institute for Nutrition and Health, China CDC, Professor
15:10-15:30	The 20 year experience of DRIs for Japanese, the present tasks, and future direction Satoshi Sasaki The University of Tokyo, Japan, Professor Emeritus
15:30-15:50	Development of Nutrient Reference Values in Australia: current progress, challenges and next steps (video) Jennifer Savenake National Health and Medical Research Council, Australia, Director
15:50-16:10	Transforming RDA's into evidence-based actionable Food Based Dietary Guidelines in Singapore Kalpana Bhaskaran, MSc, MPhil, PhD Singapore Nutrition and Dietetics Association, President
16:10-16:30	<b>The Vietnam DRIs: from recommendation to practice</b> Do Thi Ngoc Diep, MD <i>Vietnam Nutrition Association, Vice President</i>
16:30-16:50	The importance of DRIs for public health (video) Anura Kurpad, MD, PhD St John's Medical College, India, Professor
16:50-17:00	Q & A
17:00-17:30	Panel Discussion

Phytonutrient and senior wellness: Can phytonutrients play a role in expanding healthy lifespan?Date: Sept. 16, 14:00-17:4 Room: 103		
Hosted by:	Nutrition and Health Food Branch, Chinese Nutrition S Korean Society of Food Science and Technology (KoS Nutrition Association of Thailand (NAT)	<b>,</b>
Supported by:	Nutrilite Health and Wellbeing Institute (NHWI) Amway (China) Co.Ltd	
Chair:	Prof. Yuexin Yang Prof. Nalinee Chongviriyaphan Ms. Jia Chen	
14:00-14:15	<b>Host Opening Speech</b> Prof. Songyi Lin Prof. Kiyotaka Nakagawa Prof. Sanguine Byun	
14:15-14:45	Mitochondrial autophagy, aging and health span David Walker University of California, US, Professor	
14:45-15:15	Study on improving dyslipidemia in middle-aged a food components Wenhua Ling Sun Yat-Sen University, China, Professor	nd elderly people with plant
15:15-15:45	Food material as a potential candidate for sport nutrition Young Jin Jang Seoul Women's University, Korea, Professor	and prevention of sarcopenia
15:45-16:15	Effects of water-soluble mangosteen extract on cogn neuropsychiatric symptoms in patients with mild to n disease (WECAN-AD): a randomized controlled trial Weerasak Muangpaisan, PhD Mahidol University, Thailand, Professor	
16:15-16:45	Study of curcumin on the regulation of immune an A case study of phytonutrient research approach Liang (Clark) Chen, PhD Amway (China) R&D Center, China	d inflammatory responses:
16:45-17:30	Panel Discussion:Importance of Phytonutrient in super role of phytonutrients in science perspectivesYang-Hee Cho, PhDAmway Japan & Korea, Vice-PresidentDavid WalkerUniversity of California, Los Angeles, US, ProfessorJi-Yeon KimSeoul National University of Science and Technology, Weerasak Muangpaisan, PhDMahidol University, Thailand, ProfessorWenhua LingSun Yat-Sen University, China, Professor	
17:30-17:40	<b>Closing Address</b> Kwang-Won Lee Korean Society of Food Science and Technology, Kore	ea, President, Professor

# Closing Ceremony Symposia 16 AM Lunch Session 16

### **Concurrent Symposia Program Schedule**

Rethink Protein Needs and Micronutrients Fortification in Asia - Perspectives on Nutrition & Health, Innovation and RegulationDate: Sept. 16, 14:45-18:00 Room: 408B		
Hosted by: Chair: Mrs. Boon `	ILSI Global and ILSI Southeast Asia Region Yee Yeong	
14:45-14:55	Welcome Remarks Boon Yee Yeong ILSI SEA Region, Executive Director	
Session 1: Protein for Health and Sustainable Solution Chair: Boon Yee Yeong ILSI SEA Region, Executive Director		
14:55-15:15	Assessing Protein Quality of Sustainable Food Sour in Asia Wantanee Kriengsinyos Institute of Nutrition, Mahidol University, Associate Profe	·
15:15-15:35	<b>Protein Nutrition and Sarcopenia in the Aging Population –</b> Feli Lo Yang Department of Nutritional Science, College of Human Ed University, Associate Professor	·
15:35-15:55	Harnessing Plant Proteins for Cell-based Meat Cultu Analogues for Human Nutrition and Sustainable Dev Dejian Huang Department of Food Science and Technology, National Professor, Deputy Head	velopment
15:55-16:15	Q & A	

Session 2: Food Fortification for Improved Nutrition and Health - Strategies, Success and Challenges Chair: Pattanee Winichagoon

Institute of Nutrition, Mahidol University, Associate Professor

16:30-16:50	Nutritional Status and Food Fortification Efforts in the Philippines Imelda Agdeppa, PhD Department of Science and Technology – Food and Nutrition Research Institute (DOST-FNRI), Director IV, Scientist IV
16:50-17:10	Voluntary Food Fortification for improved Nutrition – Industry Perspectives Wei Tang Unilever, Diet & Health - Asia, Regional Head
17:10-17:30	Food Fortification Regulation and Guidance in SE Asia – Status and Approaches Towards Harmonization Pauline Chan ILSI Southeast Asia Region, Director, Scientific Programs
17:30-17:50	Q & A

#### Nut Consumption and the Prevention of Prevalent

Diseases/Conditions

**Date:** Sept. 16, 13:00-14:30 **Room:** 408B

Hosted by: Chair:	INC, International Nut and Dried Fruit Council Prof. Jordi Salas-Salvadó
13:00-13:10	<b>Opening</b> Prof. Jordi Salas-Salvadó Rovira i Virgili University, the Human Nutrition Unit, Director, Professor
13:10-13:35	Nut consumption and cardiovascular disease Prof. Gang Liu School of Public Health, Tongji Medical College, Huazhong University of Science and Technology, Professor of Nutrition and Epidemiology
13:35-14:00	<b>Nuts, cognitive performance and impairment</b> Dr. Changzheng Yuan School of Public Health, Zhejiang University, Research Professor
14:00-14:25	<b>Nuts and diabetes</b> Prof. Anoop Misra Fortis-C-DOC Centre of Excellence for Diabetes, Metabolic Diseases and Endocrinology, Executive Chairman

14:25-14:30 Q & A

Healthy Aging and Edible Oil Application		<b>Date:</b> Sept. 16, 14:00-17:30 <b>Room:</b> 101
Hosted by:	Elderly Nutrition Improvement Action Working Wuhan University Education and Training Center, Chinese Nutrit	
Supported by: Chair:	Standard Group (Mighty) R&D Center Prof. Jianqiang Lai Prof. Jianping Wu	
14:00-14:05 14:05-14:30	<b>Opening</b> <b>Food proteins in the prevention of osteopor</b> Jianping Wu <i>University of Alberta, Canada, Professor</i>	rosis
14:30-14:55	Quantitative Lipidomic Analysis of Serum P Markers of Alzheimer's Disease and Subcor Kiyotaka Nakagawa Tohoku University, Professor	
14:55-15:20	China's Aging Trends and Health Promotion Jianqiang Lai Chinese Center for Disease Control and Preve	
15:20-16:45	Dairy-based ingredients for nutrition and he Peng Zhou Jiangnan University, Professor	ealth challenges of the elderly
15:45-16:10	Dietary nutrition and cardiovascular disease people: a cohort study based on square dat Shuang Rong Wuhan University, Professor	
16:10-16:15	Tea Break	
16:15-16:40	Safety and Quality of Cooking Oil: from farm Bonnie Sun Pan American Institute of Food Technology Fellow, and Technology Fellow, Professor	
16:40-17:00	Innovation and Application Practice of Cool Tristan Liu, PhD R&D center of Standard Group, General Mana	
17:00-17:30	Round table discussion (Topic: Nutrition an	id Healthy aging)

#### Public Nutrition and Population Health: Cohort, **Surveillance and Interventions**

Date: Sept. 16, 14:00-17:10 **Room:** 104

Hosted by: Supported by:	Public Nutrition Branch, Chinese Nutrition Society The People's Government of Fuping County DALI FOODS GROUP
Chair:	Prof. Bing Zhang
14:00-14:20	<b>Opening Session</b> Bing Zhang National Institute for Nutrition and Health, China CDC, Professor
14:20-14:40	A cohort study of changes in nutrition and health in China Huijun Wang National Institute for Nutrition and Health, China CDC, Professor
14:40-15:00	China Nutrition and Health Surveillance and main results Dongmei Yu National Institute for Nutrition and Health, China CDC, Professor
15:00-15:20	Change of nutrition status of children in Nutrition Improvement Programme for Rural Compulsory Education Students (NIPRCES) Peipei Xu
15:20-15:40	National Institute for Nutrition and Health, China CDC, Associate Professor Monitor and evaluation on children nutrition improvement program in Chinese rural areas Jing Sun National Institute for Nutrition and Health, China CDC, Professor
15:40-15:50	Tea Break
15:50-16:10	Spatiotemporal variations in mean height of 17-year-old students in 47 Japa- nese prefectures from 1974 to 2019 Nayu Ikeda National Institutes of Biomedical Innovation, Health and Nutrition, Japan
16:10-16:30	Gut microbiome biomarker discovery for nutrition-related metabolic disease prevention Jusheng Zheng Westlake University, Professor
16:30-16:50	<b>Nutrition, lifestyle and cognitive function of Chinese adults aged 55 and older</b> Zhihong Wang <i>National Institute for Nutrition and Health, China CDC, Professor</i>
16:50-17:10	<b>Deepening salt reduction in China-suggested strategy</b> Puhong Zhang <i>The George Institute for Global Health, China, Professor</i>

<b>Concurrent Symposia P</b>	Program Schedule
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#### Nattokinase: from Basic Clinical Research

to Foundational Discovery

Date: Sept. 16, 14:00-17:30 **Room:** 105

Hosted by: Supported by: Chair:	Nutrition and Health Food Branch, Chinese Nutrition Society Sungen Bioscience Co., Ltd. Prof. Yuexin Yang
14:00-14:30	<b>The 50 years history of nattokinase research</b> Feng Xu <i>Shenyang Pharmaceutical University, Professor</i>
14:30-15:00	Absorption if Nattokinase as an intact protein Sirpha Chen, PhD Biochemical Nutrition at the University of Aberdeen
15:00-15:30	Clinical studies of nattokinase: past, present and future Yiguang Lin University of Technology Sydney, Professor
15:30-16:00	Clinical study on lowering blood lipid level by lifestyle control combined with Nattokinase (NK) - Red yeast rice (RYR) Capsules Qi Bi Beijing Anzhen Hospital, Capital Medical University, Chief Physician, Professor
16:00-16:30	<b>The current situation of health food nattokinase in Japan.</b> Toyosaku Yoshida <i>Japanese Pharmaceutical Society</i>
16:30-17:00	<b>The powerful nutrient nattokinase</b> Jiepeng Chen <i>Sungen Bioscience Co., Ltd., Chief Scientist</i>

#### **Goat Milk Nutrition and Application**

Hosted by: Supported by: Chair:	Chinese Nutrition Society Kabrita Prof. Junhua Han Prof. Kasper Hettinga
14:00-14:05	<b>Host Opening</b> Guo Zeng West China School of Public Health, Sichuan University, Professor
14:05-14:10	Opening Speech
14:10-14:30	Children's Nutrition and Health: Achievements, Problems and Reflections Meng Mao West China Second University Hospital, Sichuan University, Chief Physician
14:30-14:50	<b>Non-thermal processing for creating 'bioactive' breastmilk</b> Nidhi Bansal <i>The University of Queensland, Associate Professor</i>
14:50-15:10	<b>Goat Milk and Infant Nutrition and Health</b> Zhixu Wang Department Of Maternal Child and Adolescent Health, School of Public Health, Nan jing Medical University, Professor
15:10-15:30	<b>The Digestibility and Functionality of Goat Milk Proteins</b> Peng Zhou School of Food Science and Technology, Jiangnan University, Professor
15:30-15:50	Goat Milk Oligosaccharides: Composition, Variation and Functional Properties in Comparison to Human Milk Oligosaccharides Luutsche van der Zee Head of Research & Development at Ausnutria B.V.
15:50-16:10	<b>Effects of different processing on the structure and functionality of goat milk protein</b> Kasper Hettinga <i>Wageningen University, Professor</i>
16:10-16:25	Global Application Status and Prospect of Goat Milk Markus Johannes Kaptein Ausnutria B.V., Sales Director
16:25-17:10	Panel Discussion Junhua Han Chinese Nutrition Society, Secretary General, Professor TBD Department of Safety Regulation for Special Food, Department of Special Food Safety Supervision and Regulation Junbo Wang Department of Nutrition and Food Hygiene, School of Public Health, Peking Univer sity, Associate Professor Binyun Cao Northwest A&F University, Collaga of Animal Science and Technology, Professor Yajun Wu Science and Technology Management Department of Chinese Academy of Inspec tion and Quarantine, Researcher Wei Li Ausnutria (China) Dairy Corporation Ltd, R&D Director
17:10-17:15	<b>Closing Speech</b> Weibin Yan <i>Ausnutria Dairy Corporation,Chairman</i>

# Lunch Session 16

#### **Concurrent Symposia Program Schedule**

#### Date: Sept. 16, 14:00-17:30 Latest Trends in Early Life Special Nutrition Solutions **Room:** 108 Hosted by: Maternal and Child Nutrition Working Group of Chinese Nutrition Society Supported by: Nestlé (China) Ltd. Chair: Prof. Wei Cai 14:00-14:05 **Opening Session** 14:05-14:30 Innovative nutritional approaches to improve pregnancy outcomes for both mother and child Eline van der Beek. PhD Nestlé Institute of Health Sciences at Nestlé Research in Lausanne. Head 14:30-14:55 New Guidelines and Practices in CMPA (cow's milk protein allergy) Chouraqui Jean-Pierre, PhD Committee on Nutrition of the French Society of Paediatrics, Chair New Perspective and Discussion: Skin barrier and AD prevention by 14:55-15:20 pHF-RASH Study Jie Shao, PhD Ruijin Hospital affiliated to Shanghai Jiao Tong University School of Medicine, Chief Physician of Pediatrics 15:20-15:30 Tea break Frontier research: pHF on toddler growth and health efficacy-Sensitivity Study 15:30-15:55 Yantao Yang, Mr. Nestlé Nutrition Institute, NIN China, Head 15:55-16:20 Oral development, Food texture and Advanced feeding Meng Mao, PhD West China Second University Hospital, Professor 16:20-17:25 Panel discussion Wei Cai, Eline, Jean-Pierre, Jie Shao, Yantao Yang, Meng Mao 17:25-17:30 Summary Wei Cai, PhD Chinese Nutrition Society, Vice President Shanghai Jiao Tong University, School of Medicine, Xinhua Hospital, Chief Physician

# Scientifical Evidence Based Gut Health: From Gut to Holistic Health

**Date:** Sept. 16, 14:00-17:30 **Room:** 110

Hosted by: Supported by: Chair:	Intestinal Health Working Group of Chinese Nutrition Society Nestlé (China) Ltd. Prof. Ruifu Yang Prof. Eline van der Beek
14:00-14:10	<b>Opening Session</b> Ning Li <i>National Food Safety Risk Assessment Center, Director, Professor</i>
14:10-14:40	Prebiotics and its application in regulation & standards: from global to China Junhua Han Chinese Nutrition Society, Secretary General, Professor
14:40-15:10	<b>New understanding of gut health: nutrition design for the microbiome</b> Eline van der Beek Department of Pediatrics, University Medical Centre Groningen, Professor
15:10-15:40	Scientifical evidence supported prebiotics application Eline van der Beek Department of Pediatrics University Medical Centre Groningen, Professor Head of the Nestlé Institute of Health Sciences at Nestlé Research in Lausanne
15:40-15:50	Tea break
15:50-16:20	GOS: from gut to holistic health Xuesong Xiang National Institute for Nutrition and Health, China CDC, Professor
16:20-16:50	Enhancing dairy with intrinsic prebiotic: clinical evidence and future prospects Olga Sakwinska, PhD Senior Research Scientist, Nestlé Institute of Health Sciences
16:50-17:30	Panel discussion: The Past, Present, and Future of Prebiotics

#### The Future of Clinical Nutrition: Groundbreaking Discoveries and Future Directions

**Date:** Sept. 16, 14:00-17:30 **Room:** 115A

Hosted by:	Clinical Nutrition Branch, Chinese Nutrition Society		
Supported by: Chair:	Nutricia Pharmaceutical (Wuxi) Co., LTD Prof. Wei Chen		
Gilali.	FIOI. Wei Chem		
14:00-14:25	<b>Prospects of Precision Nutrition</b> Zhaoping Li <i>University of California, Davis, Chief Physician</i>		
14:25-14:50	What is the evidence for dietary-induced DHA deficiency in human brain Andrew J Sinclair Department of Nutrition, Dietetics & Food, Monash University, Australia, Professor		
14:50-15:15	Clinical applications and efficacy evaluation of omega-3 based nutritional intervention Jingxuan Kang International Society for Omega-3 Research, President, Professor		
15:15-15:40	Addressing sarcopenia for surgery - the SUPREME experience Koh Hong Xiang Frederick Department of Colorectal Surgery, Division of General Surgery, Sengkang General Hospital, Professor		
15:40-16:05	<b>Points for attention in design, writing and submission of clinical nutrition research</b> Duo Li <i>Nutrition and Health Research Institute, Qingdao University, Professor</i>		
16:05-16:30	Dietary Patterns and CKD Progression Management: Thailand experience Chanida Pachotikarn Institute of Nutrition, Mahidol University, President of Thai Dietetic Association, Professor		
16:30-17:00	Roundtable of nutrition diagnosisWei ChenPeking Union Medical College Hospital, Chief PhysicianYinghua LiuFirst Medical Center, PLA General Hospital, Chief PhysicianYing YaoTongji Hospital Affiliated to Tongji Medical College, Chief PhysicianEditor-in-Chief of NCP		
17:00-17:20	Satellite Conference of Nutricia Corporation		

#### The Food of Tomorrow - Beneficial Components

from Microorganisms

Date: Sept. 16, 14:00-17:30 **Room:** 115B

Hosted by:	Hubei Nutrition Society Chinese Nutrition Society
Supported by: Chair:	Angel Yeast Co., Ltd Prof. Jian Chen Prof. Mitsutoshi Nakajima
14:00-14:30	<b>The future food based on an all-encompassing approach</b> Jian Chen <i>Jiangnan University, Principal and Academician</i>
14:30-15:00	Recent food technologies in Japan: 3D food printing, insect protein and mi crobial protein Mitsutoshi Nakajima University of Tsukuba, Professor
15:00-15:30	<b>Comparison of nutrition, digestion and absorption characteristics of different proteins</b> Yuyu Zhang <i>Beijing Technology and Business University, Professor</i>
15:30-15:40	Tea break
15:40-16:10	Yeast extracts enhance the flavor of future foods Jian Li Beijing Technology and Business University, Professor
16:10-16:40	Protein and exercise performance Amanda, PhD RDC Global Pty Ltd
16:40-17:10	<b>The influence of protein on exercise ability in the elderly</b> Huijing Bai <i>Huadong Hospital Affiliated to Fudan University, Attending Physician</i>

#### Precision Nutrition: Collaborative Innovation from Scientific Research to Industry

**Date:** Sept. 16, 14:00-17:10 **Room:** 406A

Hosted by:	Basic Nutrition Research Branch, Chinese Nutrition Society Precision Nutrition Industry Branch (Preparatory Committee), Chinese Nutrition Society
Supported by:	Mengniu Institute of Nutrition Science
Chair:	Prof. Yan Chen
	Prof. Alfredo Martinez
14:00-14:10	Opening Session
14:10-14:30	Multi-omics and dynamically changed phenotypes with wearable technology-based
	precision nutritional studies and potential applications
	Xu Lin Shanghai Institute of Nutrition and Health, Hangzhou Institute for Advanced Study,
	University of Chinese Academy of Sciences, Chinese Academy of Sciences, Professor
14:30-14:50	Research and application of precision nutrition in Japan Hisanori Kato
	Kagawa Nutrition University, Professor
14:50-15:10	Precision Nutrition, Cutting-edge Technology and Application: Collaboration
14:50-15:10	in a New Era
	Xuguang Zhang Inner Mongolia Mengniu Dairy Industry (Group) Co., Ltd, Institute of Nutrition
	Science, Group VP & Director
15:10-15:30	Tea break
15:30-15:50	Metagenome, host genetics background and precision nutrition
	Liang Xiao, PhD BGI Research, Precision Health Institute, Executive Director
15:50-16:10	Introduction of Biomedical Big Data Operating System (Bio-OS)
	Yixue Li
	Guangzhou Laboratory, Professor
16:10-16:30	Nutritional intervention for metabolic disorders
	Yan Chen Shanghai Institute of Nutrition and Health, Chinese Academy of Sciences,
	Professor, Associate Director
16:30-16:50	Exploring the power of krill oil and precision nutrition: personalized health optimization
	Yunpeng Ding, PhD
	Center of Excellence, Aker BioMarine
16:50-17:10	Initiative to establish the Precision Nutrition Industry Branch of Chinese Nutrition Society

Nutritional Ne	eds and Practice on Personalized Nutrition	Date: Sept. 16, 14:00-17:00 Room: 118
Hosted by:	Chinese Nutrition Society National Institute for Nutrition and Health, China CDC	
Supported by:	Haleon (China)	
Chair:	Prof. Junsheng Huo Dr. Jeongseon Kim	
14:00-14:10	<b>Opening</b> Gangqiang Ding National Institute for Nutrition and Health, China CDC, D	Diector, Professor
14:10-14:40	DRIs 2023 updates: Different Nutrients Needs by o physical activity levels Xiaoguang Yang National Institute of Nutrition and Health, China CDC,	
14:40-15:10	Clinical Application of Personalized Nutrition-The Jeongseon Kim, PhD Department of Cancer Biomedical Science, Graduate S Policy, National Cancer Center, Vice Dean & Professor	
15:10-15:40	<b>Personalized Nutrition for Females Lifespan and Me</b> Meiqin Cai <i>Nutrition Department, Shanghai Jiao Tong University,</i>	
15:40-16:10	Gene polymorphism and Personalized Nutrition Junsheng Huo National Institute for Nutrition and Health, China CDC	C, Professor
16:10-16:30	<b>Smart Wearable health solution and ecosystem</b> Yuansong Gong <i>Smart Wearable and Health Product Line Vice Presider</i> <i>HUAWEI Consumer Business Group</i>	nt Health Solution & Ecosystem
16:30-16:55	<b>Practise for personalized nutrition: A mobile phor</b> Gijs Sanders <i>Head of Strategy, Marketing &amp; Digital Transformation,</i>	
16:55-17:00	Closing	

# nposia 16 AM Lunch

#### **Concurrent Symposia Program Schedule**

#### INFOODS/NEASIAFOODS Workshop: Date: Sept. 16, 14:00-17:20 Room: 408A Food, Big Data and Nutrition National Institute for Nutrition and Health. China CDC Hosted by: Chinese Nutrition Society Nutrition Big Data and Health Branch. Chinese Nutrition Society **FAO-INFOODS NEASIAFOODS** Supported by: JOYVIO Group Chair: Dr. Bridget Holmes Prof. Zhu Wang Section 2: Big Data in Nutrition Science-Opportunites, Challenges and Future Directions Chair: Prof. Hong Tan Prof. Yuna He 14:00-14:20 **ChatGPT and Intelligent Food Computing** Shugiang Jiang Chinese Academy of Sciences, Professor 14.20-14.40 Future food exploration and optimization based on artificial intelligence technology for food authenticity and traceability Xiaohui Cui Wuhan University, Professor 14:40-15:00 Nutrition Competence, GDP and food security as predictors of Nutritional issues in the Asian Countries Rubina Hakeem Ziauddin University, Pakistan, Professor **ChatGPT and Nutrition** 15:00-15:20 Steven Chao Beijing Data-driven healthcare Research Institute, Professor level senior engineer 15:20-15:40 Applied research on multi-source heterogeneous Big data fusion technology in the field of food health Kai Chen China National Center for Food Safety Risk Assessment, Post-Doctor 15:40-16:00 New Application of Food Data: Food Composition and Property Data and food Authentication Modeling Jun Guo Inner Mongolian Agriculture University, Professor School Connect Focused on Child Nutrition 16:00-16:20 Wenli Zhu Peking University Health Science Center, Professor 16:20-16:40 Construction and application of comprehensive nutrition database in China Jiuling Wei Nutrition Big Data and Health Committee, Chinese Nutrition Society, Secretary 16:40-17:00 Nutrition-related health issues in the elderly based on multi-source data Jian Xu Shenzhen Center for Chronic Disease Control, Chief physician 17:00-17:20 Industry status and future development of personalized nutrition and healthy lifestyle under Digital transformation Mingfeng Li

Innovation & Science, Senior Data Analyst

16th China Nutrition Science Congress       Date: Sept. 16, 18:0         Room: 105		<b>Date:</b> Sept. 16, 18:00-20:45 <b>Room:</b> 105
Hosted by: Chair: Executive	Chinese Nutrition Society Prof. Yuexin Yang	
Committee:	Prof. Aiguo Ma, Prof. Beiwei Zhu, Prof. Fazhe Prof. Wei Cai, Prof. Rong Xiao, Prof. Cuiqing Prof. Wenhua Ling, Prof. Kang Yu, Prof. Zeng Prof. Gangqiang Ding, Prof. Changhao Sun,	Chang, Prof. Liegang Liu, gning Li,
18:00-18:10	<b>Opening Ceremony—Leader' Speech</b> Aiguo Ma Chinese Nutrition Society, Vice President Institute of Nutrition and Health, Qingdao Uni	iversity, Dean
18:10-18:40	Development and application of Dietary R residents Aiguo Ma Chinese Nutrition Society, Vice President Institute of Nutrition and Health, Qingdao Uni	
18:40-19:10	<b>Current situation and trend of Chinese dat</b> Fazheng Ren Chinese Nutrition Society, Vice President Chinese Academy of Engineering, Academica Institute of Nutrition and Health, China Agrica	ian
19:10-19:40	<b>Potential of microalgae in feeding the wor</b> Xingen Lei <i>Cornell University, American, Professor</i> <i>J Nutr, Editor-in-Chief</i>	ld
19:40-20:00	<b>How can rational nutrition improve the he</b> Cuiqing Chang Chinese Nutrition Society, Vice President Peking University Third Hospital, Professor	alth benefits of exercise
20:00-20:20	The role and mechanism of peripheral Aβ diabetes mellitus and Alzheimer's disease Liegang Liu Chinese Nutrition Society, Vice President School of Public Health, Huazhong University of S	)
20:20-20:40	<b>Progress in the application of food risk as</b> Zhaoping Liu <i>China National Center for Food Safety Rise</i> As	
20:40-20:45	Closing	

Empowering Tomorrow's Nutrition Leaders: The Young Scholars Forum on Innovative Nutrition and Health Research & The 4th China Young Nutrition Scientists Forum

Date: Sept. 16, 18:00-20:30 Room: 110

Hosted by: Chair:	Chinese Nutrition Society Prof. Zengning Li Prof. S. K. Roy	
18:00-18:10	<b>Study on lactose intolerance in Mongolia</b> Berkheedei Tuguldur <i>Mongolian University of Science and Technology, Mongolia</i>	
18:10-18:20	Nutrition profiling model for pre-packaged foodResearch and establishment Chao Gao, PhD National Institute for Nutrition and Health, China CDC, Associate Professor	
18:20-18:30	Effects of Sea grapes Extract Supplementation on Cholesterol and Superoxide dismutase Changes in 7, 12-dimethylbenz [a] anthracene-induced Cardio-on- cological Rat Models Happy Kurnia Permatasari <i>Brawijaya University, Indonesia</i>	
18:30-18:40	Comparison of Indian vegetarian diets with EAT-Lancet Recommendations Harmeet Kaur University of Delhi, India	
18:40-18:50	How Nutritious Are Children's Packaged Foods in Thailand: An Analysis of Newly Launched Products From 2016 to 2021 Hung Nguyen Ngoc Mahidol University, Thailand	
18:50-19:00	Garden-based Nutrition Intervention Increased Knowledge, Self-Efficacy, and Vegetable Intake of the Urban Poor Children: "GrowEat" A Cluster Randomised Control Trial Kai Ting Mok UCSI University, Malaysia	
19:00-19:10	Advanced glycation end-products and human health: from population-basedstudy to mechanism researchLiangkai ChenDepartment of Nutrition and Food Hygiene, School of Public Health, Tongji MedicalCollege, Huazhong University of Science and Technology, China, Associate Professor	
19:10-19:20	Dietary patterns and factors associated with overweight and obesity among children in Ho Chi Minh City, Vietnam Mai Thi My Thien Queensland University of Technology (QUT), Vietnam	

19:20-19:30	Is Quality of Life related to Muscle Mass, Muscle Strength and Physical Per- formance of Community-Dwelling Older Filipinos? Robby Carlo Tan Department of Science and Technology - Food and Nutrition Research Institute, Wageningen University and Research, Philippines	
19:30-19:40	Peanut sprout extracts mitigate dexamethasone-induced skeletal muscle atro- phy in mice on a high-fat/high-sucrose diet Sang-Mi Jo <i>Jeju National University, Korea</i>	
19:40-19:50	The bone-derived components from adult chickens provide a protective action against impaired bone metabolism in VDRKO mice Tamao Nishiura <i>Ritsumeikan University, Japan</i>	
19:50-20:00	The impact of early life nutrition on pineal development in terms of cognitive function during adulthood Tianshu Han Harbin Medical University, China, Professor, Vice Director of School of Public Health	
20:00-20:10	Development of a Photographic Food Atlas as a Portion Estimate Tool for Adolescents in Sri Lanka W.A.H.S. Wickramaarachchi Wayamba University of Sri Lanka	
20:10-20:20	Folic acid promoted neural development and improved cognitive function in Vivo: telomere synthesis and attrition as a potential mechanism Wen Li <i>Tianjin Medical University, China, Associate Professor</i>	
20:20-20:30	Effect and mechanism of lecithin regulating muscle factor irisin to improve cognitive function Yuandi Xi School of Public Health, Capital Medical University, China, Associate Professor	

# Processing for Nutrition: Enhancing Food Quality and Nutritional Value

**Date:** Sept. 16, 18:00-21:00 **Room:** 103

Hosted by:	China Agricultural University Zhejiang University Shenyang Agricultural University Chengdu University	
Supported by: Chair:	Tibet Qizheng Company Prof. Xiaojun Liao Prof. Zisheng Luo Prof. Bin Li Prof. Liang Zou	
18:00-18:10	<b>Opening Session</b> Zisheng Luo Zhejiang University, Professor	
18:10-18:30	<b>Bioprocessing for improving the quality and bioactivity of plant based food</b> Baoru Yang <i>University of Turku, Finland, Professor</i>	
18:30-18:50	Whole foods and dietary patterns for nutrition and health Ruihai Liu Cornell University, USA, Professor	
18:50-19:10	Use of innovative food processing technology to improve the nutritional and sensory properties of legumes Indrawati Oey University of Otago, New Zealand, Professor	
19:10-19:30	<b>Targeting eicosanoids via the diet to enhance cancer therapy</b> Dipak Panigrahy <i>Harvard Medical School, USA, Assistant Professor</i>	
19:30-19:45	Intelligent delivery and precision nutrition of marine food functional components Wentao Su Dalian Polytechnic University, China, Professor	
19:45-20:00	Sensory-chemical quality factors of alcoholic beverages made from apples and pears-role of yeast selection Oskar Laaksonen University of Turku, Finland, PhD	
20:00-20:15	Multi-medicinal mushroom "Ganederma lingzhi" for developing the standardized functional food Kuniyoshi Shimizu Kyushu University, Japan, Associate Professor	
20:15-20:30	Research on the healthy advantages of whole nutritional food quinoa (Cheno- podium quinoa Willd.) Yichen Hu <i>Chengdu University, China, Associate Professor</i>	
20:30-20:45	Study on mechanism of millet improving blood glucose metabolism Yiqing Zhu China Agricultural Univerisity	
20:45-21:00	Nutritional function of Tibet cereal and its application in child food Ruoqiong Cheng Tibet Qizheng Company	

#### Sustainable Nutrition: The Future and Development Date: Sept. 16, 18:00-20:30 Room: 104 of Goat/Sheep Milk Hosted by: Public Nutrition Branch, Chinese Nutrition Society Supported by: Zhejiang Zhongmengchang Health Technology Co., Ltd Chair: Prof. Wupeng Ge 18:00-18:10 **Opening Session** Zhenguan Huo Zhejiang Zhongmengchang Health Technology Co., Ltd, Chairman 18:10-18:35 Mechanism of Kefir Goat Milk on zebrafish against dysfunction of intestinal peristalsis Jiajin Zhu Department of Food Science and Nutrition, Zhejiang University, Professor Nutritional Prospects for Phytochemicals (from Baobab fruit)-riched Goat Milk 18:35-19:00 **Product Development** Balarabe Bilyaminu Ismail Bayero University, Senior Lecturer Multi-omics analysis and revelation of functional lipids & oligosaccharides in 19:00-19:20 goat and ewe milk Wupeng Ge College of Food Science Engineering, Northwest A&F University, Professor 19:20-19:45 Sustainable nutrition from Grass-fed sheep milk **Thomas Macdonald** Spring Sheep Milk Company, COO 19:45-20:05 **Basic Components and Nutritional Characteristics of goat milk** Fuxin Zhang College of Food Engineering and Nutritional Science, Shaanxi Normal University, Professor 20:05-20:25 **Bioactive Peptide Probiotic Goat Milk Powder and Human Health** He Chen Shaanxi University of Science and Technology, Professor

**Dinner Session 16** 

#### Nutrition Education: Practice from a Global Perspective

**Date:** Sept. 17, 8:30-11:40 **Room:** 406A

Hosted by: Chair:	Chinese Nutrition Society Prof. Teiji Nakamura Prof. Huanling Yu	
08:30-09:00	<b>Japan's Unique Approach to Nutrition education</b> Teiji Nakamura Japan Dietetic Association, President; Kanagawa University of Human Services, Japan, Professor	
09:00-09:30	Improving the effectiveness of dietary intervention based on the theory of Social psychology Huanling Yu School of Public Health, Capital Medical University, Professor	
09:30-10:00	Sustainability of culinary nutrition education intervention: examining the impact on children's dietary practices and variety Choonming Ng Monash University Malaysia, Professor	
10:00-10:25	<b>Clinical Pathway of Nutrition Knowledge and Health Education for Cancer Patients</b> Shoumei Yang The First Affiliated Hospital of University of Science and Technology of China, Anhui Provincial Cancer Hospital, Associate Chief Physician	
10:25-10:50	The Relationship between Diet Cost Indicators and Dietary Intakes and its Implication to Nutrition Education - A Global Analysis Yan Bai The World Bank Data Group, Data Scientist	
10:50-11:15	Mindful eating, satisfaction and portion size applied to snacking – how all ca influence eating behaviour? Sophie Vinoy Mondelēz Paris-Saclay Tech Center, France, Principal Nutrition Scientist	
11:15-11:40	<b>Evaluation of Different Ways of Nutrition Education among Middle School Students</b> Jian Pan Department of Clinical Nutrition and Department of Gastroenterology, Children's Hospital of Nanjing Medical University, Chief Pediatrician	

#### **Science-based Health Claim in Foods**

Date: Sept. 17, 8:30-12:00 Room: 106

Hosted by: Supported by:	Health Claim Working Group of Chinese Nutrition Society Nestlé (China) Ltd. PepsiCo Inc.
Chair:	Dr. Junshi Chen Dr. E Siong Tee
08:30-08:40	<b>Opening remarks</b> Dr. Junshi Chen <i>China National Centre for Food Safety Risk Assessment, Chief Adviser</i>
08:40-09:10	<b>Global regulatory landscape on health claims</b> E Siong Tee, PhD <i>President of the Nutrition Society of Malaysia and Chair of the Southeast Asia Public</i> <i>Health Nutrition (SEA-PHN) Network</i>
09:10-09:35	oats β-glucan and health claims Yifang Chu, PhD Nutrition Science Director, PepsiCo R&D
09:35-10:00	Application Mulberry Leaf Extracts food products in Blood Glucose Management - Evidence from Ingredients, ways of Eating to Final Product Wei Chen, PhD <i>Clinical Nutrition Department of Peking Union Medical College Hospital, Deputy Director</i>
10:00-10:20	Tea break
10:20-10:45	Mulberry Leaf extract combined with Tryptophan taken at the evening-meal results in improved sleep and next-day cognitive function in adults - from scientific hypothesis to clinical efficacy Siong Soon Chun, PhD Yong Loo Lin School of Medicine, National University of Singapore, Senior Research Fellow
10:45-11:10	<b>Emerging science on dietary fiber with prebiotics effect and health claims</b> Xin Wang, PhD Food Science Institute of Zhejiang Academy of Agricultural Sciences, Professor
11:10-11:55	Panel discussion
11:55-12:00	Closing remarks

Date: Sept. 17, 8:30-12:00

**Room:** 108

#### **Concurrent Symposia Program Schedule**

#### New Progress of Maternal and Child Nutrition

Hosted by: Supported by: Chair:	School of Public Health, Nanjing Medical University National Institute for Nutrition and Health, China CDC Maternal and Child Nutrition Branch, Chinese Nutrition Society Biostime Institute of Nutrition & Care Prof. Zhixu Wang	
	Dr. Bridget Holmes	
08:30-08:55	Application of stable isotopic methods in Early Life Nutrition Pattanee Winichagoon Community/International Nutrition, Institute of Nutrition, Mahidol University, Thailand, Associate Professor	
08:55-09:20	<b>The interaction of microbiome from maternal and infants and infant health</b> Fangqing Zhao Beijing Institute of Life Sciences, Chinese Academy of Sciences, Professor	
09:20-09:45	<b>The role of breastmilk active ingredients in the immune health of newborns</b> Hanno Cappon <i>CTO of H&amp;H group, PhD</i>	
09:45-10:10	<b>Progress report on the establishment of human milk bank in China</b> Zhenghong Li <i>Department of Pediatrics, Peking Union Medical College Hospital, Professor</i>	
10:10-10:20	Tea Break	
10:20-10:45	<b>A global overview of the state of dietary data</b> Bridget Holmes Food and Nutrition Division of FAO, group leader	
10:45-11:10	<b>Maternal nutrition and gestational weight gain- assessment and long-term consequences</b> Ronald CW Ma Department of Medicine and Therapeutics, the Chinese University of Hong Kong, PhD	
11:10-11:35	Correlates of body composition of 20-59 years old women in Bangladesh: Findings from a nationwide study Malay Kanti Mridha Center for Non-communicable Diseases and Nutrition, James P Grant School of Public Health, BRAC University, Dhaka, Bangladesh, Professor, Director	
11:35-11:50	A randomised controlled trial of a 2-year telephone-based intervention targeting obesity risk of pre-school aged children in Australia LiMing Wen School of Public Health, The University of Sydney	
11:50-12:00	Closing remarks	

#### Low Sodium Product Intervention: Policy and Health Impact

Date: Sept. 17, 8:30-12:00 **Room:** 408B

Hosted by: Supported by: Chair:	National Institute for Nutrition and Health, China CDC Shandong Center for Disease Control and Prevention Nutrition and Non-communicable Diseases Control Branch, Chinese Nutrition Society Vital Strategies (US) Jinan Representative office Prof. Jixiang Ma Dr. Laura Cobb	
8:30-8:35	<b>Welcome and Opening Remarks</b> Jixiang Ma Shandong Center for Disease Control and Prevention, Director	
8:35-8:50	Salt Reduction in the Western Pacific Region: Evidence, Guidance and Policy Actions Juliawati Untoro WHO Regional Office for the Western Pacific, Technical Lead Nutriton	
8:50-9:05	SSaSS project findings, and future scale up plan Bruce Neal The George Institute, Australia, Professor	
9:05-9:20	SMASH pilot and scale up experience: promotion mechanism, achievements, challenges, and solutions, possibly involving LSS use in canteens and processed foods Jixiang Ma Shandong Center for Disease Control and Prevention, Director	
9:20-9:35	<b>Diagnosis and management of salt-sensitive hypertension</b> Jianjun Mu <i>Cardiovascular Hospital, the First Affiliated Hospital of Xi'an Jiaotong University, Vice Presiden</i>	
9:35-9:50	The availability and affordability of low sodium salt based on an online salt market survey in China: implications for scale up its use Zeng Ge Vital strategies (US) Jinan Representative, Director of Nutrition	
9:50-9:55	Q&A	
9:55-10:20	Panel Discussion	
10:20-10:30	Breaktime	
10:30-10:45	Low sodium salt promotion status: availability, affordability, awareness and best practices Laura Cobb Resolve to Save Lives, Director of Nutrition and Surveillance	
10:45-11:00	<b>DECIDE project findings, and future scale up plan</b> Yangfeng Wu <i>Peking University Clinical Research Institute, Professor</i>	
11:00-11:15	Reducing Singapore's nationwide sodium consumption through salt substitution and reformulation Terence NG Policy & Strategy Development/Innovation office, Health Promotion Board Singapore, Director	
11:15-11:30	LSS KAP survey in 9 provinces Chao Gao National Institute for Nutrition and Health, China CDC, Associate Professor	
11:30-11:35	Q&A	
11:35-11:55	Panel Discussion	
11:55-12:00	<b>Closing</b> Jixiang Ma Shandong Center for Disease Control and Prevention, Director	

Date: Sept. 17, 8:30-11:50

**Room:** 101

## **Concurrent Symposia Program Schedule**

# Optimizing Health and Performance: The Role of Nutrition in Exercise and Sports

Hosted by:	Institute of Sports Medicine, Peking University Sports Nutrition Engineering Research Center, Beijing Sport University Sports Nutrition Branch, Chinese Nutrition Society	
Supported by:	Gatorade	
Chair:	ABBOTT Laboratories Trading (Shanghai) Co.,Ltd. Prof. Cuiqing Chang Prof. Stephen Heung-Sang Wong	
08:30-08:40 08:40-09:00	Opening Speech Time Restricted Eating on Health and Exercise Performance Stephen Heung-Sang Wong The Chinese University of Hong Kong, China,Professor	
09:00-09:20	Multi-Omics Approaches to Exercise and Nutrition Immunology David C. Nieman North Carolina Research Campus, USA, Professor	
09:20-09:40	Food provision and dietary support at major competition events: Past, present and future Fiona Pelly University of the Sunshine Coast, Australia, Professor	
09:40-10:00	Branched-chain amino acids and exercise-induced muscle damage Junqiang Qiu Beijing Sport University, China, Professor	
10:00-10:10 10:10-10:30	Tea Break From Young to Old: How Beetroot Juice Can Boost Your Health and Performance Ajmol Ali College of Health, Massey University, New Zealand, Professor	
10:30-10:50	Maintaining muscle health: synergistic effect of nutrition and physical activity Fei Li Abbott Nutrition China R&D Center, China, Associate Director	
10:50-11:10	<b>Optimal Compositions in Hydration and Performance</b> Marla Frances Tan Mallari <i>University of the Philippines, Philippines, Associate Professor</i>	
11:10-11:30	From the Sweat Testing to Individual Fluid Replacement to Enhance Exercise Performance Juthamard Surapongchai Mahidol University, Thailand, PhD	
11:30-11:50	<b>The role of exercise-induced ketones in improving learning and memory</b> Tao Yu <i>China Institute of Sport Science, China, Associate Professor</i>	

Navigating Micronutrients: From Science to Practice		<b>Date:</b> Sept. 17, 8:30-12:00 <b>Room:</b> 103
Hosted by: Supported by: Chair:	Micronutrients Nutrition Branch, Chinese Nutrition Society Zhengzhou Ruipu Biological Engineering Co., Ltd Prof. Junsheng Huo	/
08:30-08:40	<b>Opening Speech</b> Junsheng Huo National Institute for Nutrition and Health, China CDC, Pre	ofessor
08:40-09:05	<b>Current status and challenges of global iodine nutrition status</b> Michael Bruce Zimmermann International Council for the Control of the Iodine, Deficiency Disorders (ICCIDD) Global Network, Executive director	
09:05-09:30	Progress in Basic Research and DRIs Revision of I Wanqi Zhang Tianjin Medical University, Professor	odine in China
09:30-09:55	Regulation of ZIP metal transporters by high manga Ningning Zhao The University of Arizona, Professor	anese intake
09:55-10:20	Research and revision progress of micronutrients Changhao Sun Harbin Medical University, Professor	DRIs in China
10:20-10:45	Randomized control trial on Weekly Iron and Folic A (WIFAS) in Malaysia Su Peng Loh Department of Nutrition, University Putra Malaysia	Acid Supplementation
10:45-11:10	<b>Progress in standard, technology and application of</b> Jian Huang National Institute for Nutrition and Health, China CDC, Pro	
11:10-11:35	Dietary heme-iron and iron supplementation in the th with gestational diabetes mellitus risk Heng Yaw Yong Division of Nutrition and Dietetics, International Medica	
11:35-12:00	<b>Cornerstone of healthy food - Nutritional fortification</b> Zhiheng Mei Zhengzhou Ruipu Biological Engineering Co., Ltd, Sen	

# From Plates to Microbes: How Nutrition InfluencesDate: Sept. 17, 8:30-11:30the Human Microbiota and HealthRoom: 104

Hosted by: Supported by:	Probiotics-Prebiotics and Health Branch, Chinese Nutrition Society Novozymes OneHealth IFF Health
Chair:	Prof. Ruifu Yang Prof. E Siong Tee
08:30-09:00	<b>Microbiota, probiotics and health</b> Ruifu Yang Institute of Military Medicine, Academy of Military Sciences, Professor
09:00-09:30	Impact of human intestinal microbiota and intervention with probiotics and prebiotics in early life to health and well being late Fang He West China School of Public Health, Sichuan University, Professor
09:30-10:00	Pro-inflammatory and anti-inflammatory features of the gut microbiome: the relationship with diet and human health Jingyuan Fu <i>University of Groningen, The Netherlands, Professor</i>
10:00-10:30	<b>Evidence-based probiotics application</b> Hongwei Wang <i>Probiotic Prebiotics and Health Branch, Chinese Nutrition Society, Vice Chairman</i>
10:30-11:00	Clinical evidence study of probiotics MIN-TZE LIONG, PhD School of Industrial Technology, University Sains Malaysia, Professor
11:00-11:30	<b>Big data enables precise mining of probiotics</b> Barry Kiely Novozvmes OneHealth Global Science and Medical Matters, Director

# A Life Time of Opportunity - Connection of Oligosaccharides and Gut Microbiota

Date: Sept. 17, 8:30-11:55 Room: 105

Hosted by:	Zhongyinghui Nutrition and Health Research Institute Academy of Nutrition and Health, Chinese Nutrition Society Research Institute of Public Health, Nankai University Institute of Food Sciences, Zhejiang Academy of Agricultural Sciences	
Supported by: Chair:	FrieslandCampina Ingredients Dr. Arjen Nauta Prof. Yingyao Wang	
08:30-08:35	<b>Opening Speech</b> Floor van der Horst	
08:35-09:05	Linking Human Milk Oligosaccharides and the Early Life Microbiota Cathy Lordan Teagasc Food Research Centre, Research Officer	
09:05-09:35	Impacts of maternal factors on neonatal microflora development and health Xin Wang Zhejiang Academy of Agricultural Sciences, Professor	
09:35-10:05	Exploring the interaction between oligosaccharides combinations and gut microbiota: Advancements in research and scientific understanding Arjen Nauta FrieslandCampina Innovation Centre, Senior Scientist Gut & Digestive Health	
10:05-10:15	Q&A & Tea Break	
10:15-10:45	Oligosaccharides and personalized intervention of gut microbiota Xiaoming Liu <i>Jiangnan University, Professor</i>	
10:45-11:15	Research advances in the associations of dietary fiber with gut microbiota and related disease Shuo Wang Nankai University, Professor	
11:15-11:45	Nutrition and infant gut health Xiaoyang Sheng Xinhua Hospital Affiliated to Shanghai Jiao Tong University School of Medicine, Professor	
11:45-11:55	Q&A	

Nutrition Innovation and Health Management of Dairy		Date: Sept. 17, 8:30-11:10
through the Lifespan Room: 107		
Hosted by: Supported by: Chair:	Chinese Nutrition Society National Center of Technology Innovation for Dairy Inner Mongolia Yili Industrial Group Co., Ltd. Yulong Yin Carolien van Loo-Bouwman	
08:30-08:50	<b>Dairy Products and Nutritional Health</b> Gangqiang Ding National Institute for Nutrition and Health, China CDC, Di	rector, Professor
08:50-09:10	<b>Research Advances in Breast Milk in China</b> Yumei Zhang School of Public Health, Peking University, Professor	
09:10-09:30	<b>Overview of Infant Nutrition Research Model and Its Application</b> Xia Xiong Institute of Subtropical Agroecology, Chinese Academy of Sciences, Researcher	
09:30-09:50	Dairy Products and Blood Sugar Management Wei Chen Clinical Nutrition Department, Peking Union Medical Colle	ege Hospital, Chief Physician
09:50-10:10	The cardiovascular effect of dairy fat - what do we lea controlled trial Huajun Zhang Department of Cardiovascular Surgery, Chinese PLA Ge Consultant	
10:10-10:30	Nutrition and Health Effects of Milk Ingredients and It Huiyuan Guo College of Food Science and Nutrition Engineering, Chin Professor	
10:30-10:50	Efficacy Research and Mechanism Analysis of Mater Probiotics in China Fang He West China School of Public Health, Sichuan University,	
10:50-11:10	<b>R&amp;D and Innovation of Dairy Products Based on Population Nutrition</b> Carolien van Loo-Bouwman National Center of Technology innovation for Dairy and Yili Innovation Center Europe, Nutritional Scientist	

# Foundational Nutrition: A Comprehensive Approach to Optimize the Holistic Health

Date: Sept. 17, 8:30-11:50 Room: 110

Hosted by: Supported by: Chair:	Education and Training Center, Chinese Nutrition Society Athletic Greens Prof. Zhu Wang Dr. Ralph Esposito
08:30-09:00	Meeting the nutritional and health needs of healthy populations: based on food diversity and balanced diet Zhu Wang, PhD National Institute for Nutrition and Health, China CDC, Professor
09:00-09:30	Foundational Nutrition: Implications for Human Health Ralph Esposito, PhD AG Chief Science & Nutrition Officer, New York University, Adjunct Professor
09:30-09:50	Nutritional requirements for energy limited dietary patterns in overweight and obese individuals Yinghua Liu, PhD No. 1 Medical Center, Chinese PLA General Hospital, Chief Physician
09:50-10:10	New Insight in Biological Activities of Sulfated Polysaccharides from Ulvophyte Green Algae Melvin Junior Tanner University of Indonesia
10:10-10:30	Scientific Evidence Study on Coenzyme Q10 Reducing Cardiovascular Disease Risk Factors Yan Yang Sun Yat-sen University, Professor
10:30-10:50	Micronutrients and overall health and performance of the sports population: Starting from the development of recommended dietary intake standards for winter athletes Jin Zhou, PhD Nutrition and Health Food Branch, Chinese Nutrition Society, Standing Committee Member; Education and Training Center, Chinese Nutrition Society,Director
10:50-11:10	<b>Dietary carotenoids in energy metabolism and blood glucose control</b> Dingbo (Daniel) Lin, PhD <i>Oklahoma State University</i>
11:10-11:30	SPL values for cardiovascular disease risk reduction by anthocyanins and proanthocyanidins and their rationale Huanling Yu, PhD Capital Medical University, Professor
11:30-11:50	Nutrient content innovation trends of plant-based nutrition and health products, taking cross-border products as an example Ryan Zhou Chinese Aging Well Association, Committee Member; Tmall Global Nutrition & Wellness Business, Head

#### Optimizing Cancer Care: Standardized Nutritional Management for Improved Patient Outcomes

Hosted by: Supported by: Chair:	Cancer Nutrition Management Branch, Chinese Nutrition Society Haleon (China), Fresenius Kabi SSPC Prof. Kang Yu Prof. Xiaoguang Yang
08:30-09:00	Maintain scientific nutrition, Kindness makes wellness Prof. Kang Yu Prof. Xiaoguang Yang Prof. Pan Dou Representatives from HALEON
09:00-09:25	Developing Country Cancer Prevention, Control and Nutrition Intervention - China - U.S. Linxian Trial 37y Follow-up New Updates and Implications Youlin Qiao National Cancer Center, Chinese Academy of Medical Sciences, Cancer Hospital, Professor, MD
09:25-09:55	Aging and chronic disease: recent advances in MVM with cognition and immunity Patricia Lynne Conway Nanyang Technological University (NTU), Singapore, Professor
09:55-10:00	<b>Discussion</b> Prof. Xiaoguang Yang Prof. Kang Yu
10:00-10:20	A discussion on the recent ESPEN guideline on nutrition therapy for patients with cancer Maurizio Muscaritoli <i>Clinical Nutrition Management Unit, Sapienza University, Italy, MD</i>
10:20-10:40	Effects of nutrition management based on ePROs Minghua Cong National Cancer Center, Chinese Academy of Medical Sciences, Cancer Hospital, Professor, MD
10:40-11:00	Nutrigram: A new body composition parameter for nutritional assessment JACOPO TALLURI AKERN Institute, Italy, Coni School of Sport, Italy, MD
11:00-11:20	Association of methyl donor nutrients with prognosis of primary liver cancer and the related mechanism Huilian Zhu Sun Yat-sen University, Professor, MD
11:20-11:40	Cancer-related malnutrition - Influence of cachexia and sarcopenia on patient's outcome and quality of life. Maurizio Muscaritoli <i>Clinical Nutrition Management Unit, Sapienza University, Italy, MD</i>
11:40-12:00	Cancer-related malnutrition - how to manage it with an multimodal approach under special consideration of a medical nutrition therapy including special nutrients. Vanessa Fuchs Hospital General DE MEXICO, MD, PhD, RD

**Date:** Sept. 17, 8:30-12:00 **Room:** 115A

#### Nutrition Science and Technological Innovation

Date: Sept. 17, 8:30-12:00 **Room:** 115B

Hosted by: Supported by: Chair:	Nutrition and Healthy Food Branch, Chinese Nutrition Society BYHEALTH Institute of Nutrition & Health Prof. Guiju Sun
08:30-08:35	Opening speech
08:40-09:05	<b>New Concept and New Approach Based Precision Nutrition and Health Studies</b> Xu Lin Shanghai Institute of Nutrition and Health, Hangzhou Institute for Advanced Study, UCAS, Chief Professor
09:05-09:30	<b>Human Cellular Senescence and New Pipelines of Senotherapeutics Development</b> Yu Sun Shanghai Institute of Nutrition and Health, Professor
09:30-09:55	Study on the Relationship between Dietary Carotenoids and Cognitive Decline in Elderly People and its Mechanism Changzheng Yuan Zhejiang University, Professor
09:55-10:20	International Trade and Innovative Development of Dietary Supplements Zhongpeng Zhang China Nutrition and Health Food Association, Secretary-General
10:20-10:45	<b>Re-packaging Bovine Lactoferrin from Milk to Support Bone Health and Fight Infections</b> Simon Swift <i>The University of Auckland, Professor</i>
10:45-11:10	Effect of Water-soluble Tomato Concentrate Supplementation on Platelet Function: Evidence from Randomized Clinical Trials Yan Yang School of Public Health (Shenzhen), Sun Yat-Sen University, Associate Dean
11:10-11:35	Sialic Acid Based Probiotics Intervention to Lactating Mother Improved Neonatal Gut Microbiota and Immune Responses by Regulating S-MOs Synthesis via the Gut-breast Axis Ming Li Dalian Medical University, Professor

#### The Science of Aging: Nutritional Approaches

for Healthy Aging

Date: Sept. 17, 8:30-11:44 Room: 118

Geriatric Nutrition Branch, Chinese Nutrition Society Prof. Mei He
Opening Session
<b>The nutritional status of Chinese elderly and nutrition improvement actions</b> Jian Zhang National Institute for Nutrition and Health, China CDC, Professor
<b>Mitochondrial DNA mutation and aging</b> Zhenglong Gu <i>Fudan University, Greater Bay Area Institute of Precision Medicine (Guangzhou),</i> <i>Professor</i>
Advances in dietary protein requirements of the elderly Min Li National Institute for Nutrition and Health, China CDC, Professor
Study on protein and immunity in the elderly
Xin You Peking Union Medical College Hospital, Professor
Progress on the relationship of optimal BMI cutoffs with chronic diseases and mortality in the aged population Renying Xu Renji Hospital Affilliated to Shanghai Jiaotong University School of Medicine, Professor
Animal and plant protein sources and sarcopenia Huilian Zhu School of Public Health, Sun Yat-sen University, Professor
Influence of vitamin A and D on MTB infection in the elderly Qiuzhen Wang School of Public Health, Qingdao University, Professor
Efficacy of plant-derived bio-active compounds in modulating cancer and age-related diseases Surajit Pathak Department of Biotechnology, Faculty of Allied Health Sciences, Chettinad Academy of Research & Education (CARE), Chettinad Hospital and Research Institute (CHRI), Professor
Association between early life nutrition and frailty in the elderly Zhaofeng Zhang School of Public Health, Peking University, Associate professor
<b>Clinical application of oral nutritional supplementation in elderly patients</b> Junmei Tian <i>Luo Yang Central Hospital, Attending Physician</i>
Investigation on betaine delaying aging-related muscle loss via improving the mitochondrial respiration Si Chen School of Public Health, Sun Yat-Sen University, Post Doctor

# New Advances in Clinical Application of FSMP and Registered Dietitian Professional Practice

Date: Sept. 17, 8:30-12:00 Room: 408A

Hosted by: Supported by:	Medical Food and Nutrition Support Branch, Chinese Nutrition Society Department of Nutrition, Xinhua Hospital, Shanghai Jiaotong University School of Medicine Shanghai Institute for Pediatric Medicine Shanghai Key Laboratory of Pediatric Gastroenterology and Nutrition
Chair:	Prof. Wei Cai
08:30-08:35	<b>Opening Session</b> Wei Cai Shanghai Jiaotong University, School of Medicine, Xinhua Hospital, Professor Chinese Nutrition Society, Vice President
08:35-09:05	International status and trends in the development of special medical foods for rare diseases Wei Cai Shanghai Jiaotong University, School of Medicine, Xinhua Hospital, Professor Chinese Nutrition Society, Vice President
09:05-09:35	Clinical application and challenge of special medical food in hospital Yi Feng Shanghai Jiaotong University, School of Medicine, Xinhua Hospital, China, Professor
09:35-10:00	Clinical application of special medical foods for rare diseases in China Wenyi Lu, RD Shanghai Jiaotong University, School of Medicine, Xinhua Hospital, China, Professor
10:00-10:30	Introduction to Registered Dietitian's Clinical Work in Pediatrics in Hong Kong Gordon Cheung Hong Kong Nutrition Society, President
10:30-11:00	Analysis of employment situation of overseas registered dietitians in China Yajie Zhang, RD Shanghai Jiaotong University, School of Medicine, Xinhua Hospital, China
11:00-11:30	Vegetarian diet and cardiovascular-metabolic diseases and cancer Duo Li <i>Qingdao University, China, Professor</i>
11:30-11:55	Whether a rationally organized Chinese vegetarian diet can meet the nutritional requirements of the human body Xiuhua Shen School of Medicine, Shanghai Jiaotong University, China, Professor
11:55-12:00	Closing Address

Symposia 17 PM Symposium 17 AM Dinner Session 16

# Closing Ceremony Symposia 16 AM Lunch Session 16 Symposia 16 PM

# Symposia 17 PM

ral Session

Innovations in Dietary Guidelines: New Approaches and Country Experiences		Date: Sept. 17, 14:00-15:25 Room: 408A
Hosted by: Chair:	Food and Agriculture Organization of the United Nations Federation of Asian Nutrition Societies (FANS) Dr. Bridget Holmes	(FAO)
14:00-14:05	<b>Opening</b> Lynnette Neufeld, PhD Food and Nutrition Division, FAO, Director	
14:05-14:15	Innovation in Dietary Guidelines: Diet Modelling Enkhtaivan Gombosuren Mongolian Nutrition Society, President, Professor	
14:15-14:25	<b>Dietary Guidline: Innovation in Targeted Nutrition</b> Yuexin Yang <i>Chinese Nutrition Society, President, Professor</i>	
14:25-14:40	FAO Food Systems-Based Dietary Guidelines (FSBD Principles and Approach Ana Islas Ramos, EdD FAO, Nutrition Officer	OGs) Methodology:
14:40-14:50	<b>The dietary guidelines' process in Ghana: a food sys</b> Richmond Aryeetey, PhD <i>University of Ghana School of Public Health</i>	stems approach
14:50-15:20	Discussion with audience Moderated by the Chair	
15:20-15:25	<b>Closing</b> Fatima Hachem, PhD FAO, Senior Nutrition Officer	

Scientific Writing for Publication		Date: Sept. 17, 14:00-15:30 Room: 408B
Hosted by:	The Nutrition Society, UK and Ireland	

Hosted by:The Nutrition Society, UK and Ire14:00-14:20The publishing process14:20-14:50Drafting a manuscript14:50-15:10Peer review process15:10-15:30Promoting your research

Key Nutritional Health Issues of School Children       Date: Sept. 17, 14:00-7         Room: 107		<b>Date:</b> Sept. 17, 14:00-16:00 <b>Room:</b> 107
Hosted by: Supported by: Chair:	Chinese Association for Student Nutrition & Health Pro Inner Mongolia Mengniu Dairy (Group) Limited by Sha Hangzhou Joyoung Soymilk&Food CO.,LTD. Prof. Yongxiang Chen	
14:00-14:30	<b>The impact of nutrition on mental health of youn</b> Cecilia A. Essau <i>University of Roehampton, London, UK, Professor</i>	ig people
14:30-15:00	Applying Mendelian randomization to appraise can nutrition and myopia Ching-Yu Cheng National University of Singapore, Professor	usal relationships between
15:00-15:30	<b>Progress of multifaceted intervention studies on p</b> Haijun Wang School of Public Health, Peking University, Vice Dean,	
15:30-16:00	<b>Diet change of Chinese children and adolescents i</b> Qian Zhang <i>National Institute for Nutrition and Health, China CDC,</i>	-
16:00-16:30	The association of dietary pattern and chronic dise adolescents in China Dongmei Yu National Institute for Nutrition and Health, China CDC,	-

#### From Diet to Dementia: Investigating the Role

of Nutrition in Brain Health

**Date:** Sept. 17, 14:00-17:55 **Room:** 101

Hosted by:	Nutrition and Neuroscience Branch, Chinese Nutrition Society
Supported by:	Nutrition for Special Dietary Needs Branch, Chinese Nutrition Society Swisse Nutrition Center SHANGHAI YIPAIKE BIOTECHNOLOGY CO.LTD Standard Group (Mighty) R&D Center
Chair:	Prof. Guowei Huang Prof. Rong Xiao Prof. Yugang Jiang Prof. Shuang Rong Prof. Yuandi Xi
14:00-14:30	<b>Opening Session</b> Yuexin Yang <i>National Institute for Nutrition and Health, China CDC, Professor</i> Rong Xiao <i>Capital Medical University, Professor</i>
14:30-14:50	Adaptive medicine and prevention and treatment of geriatric diseases Xunming Ji Capital Medical University, Vice President, Professor
14:50-15:10	<b>Anti-inflammatory diet and brain aging</b> Weili Xu Aging Research Center, Department of Neurobiology, Care Sciences and Society,
15:10-15:30	Karolinska Institutet, Associate Professor <b>Cohort study of nutrition and neurodegenerative diseases</b> Xiang Gao Fuden University, Distinguished Brafessor
15:30-15:50	Fudan University, Distinguished Professor <b>Microglial glycolysis preceeds pathogenesis of Alzheimer's Disease</b> Zengqiang Yuan <i>Beijing Institute of Basic Medical Sciences, Principal Investigator</i>
15:50-16:10	Short - and long-term health effects of social separation and non-drug interventions Jing Liang School of pharmacy, University of southern California, Professor
16:10-16:20	Break
16:20-16:35	<b>Dietary Patterns and Risk of Incident Dementia</b> Jintai Yu Department of Neurology, Huashan Hospital, Fudan University, Deputy Head, Professor
16:35-16:50	<b>Time-Restricted Feeding Alleviates Cognitive Impairment in Alzheimer's Disease:</b> <b>Exploring the Role of Gut-Brain Axis Mechanism</b> Zhigang Liu Department of Food Nutrition and Health, Northwest A&F University, Deputy Director
16:50-17:05	MIND dietary pattern and age-related cognitive decline Changzheng Yuan Zhejiang University, Research Professor
17:05-17:20	A formulated beverage containing Mulberry Leaf extract and Tryptophan taken with evening-meal results in improved sleep and next-day cognitive function in adults: a double-blind placebo-controlled cross-over RCT Chun Siong Soon Yong Loo Lin School of Medicine, National University of Singapore, Senior Research Fellow
17:20-17:35	Role of PQQ in brain health and anti-aging Bo Chen Fudan University, Professor
17:35-17:50	<b>Consensus of nutrition experts on maintaining the cognitive function in the aged</b> Yugang Jiang <i>Tianjin Institute of Environmental and Operational Medicine,Professor</i>
17:50-17:55	<b>Summary</b> Guowei Huang <i>Tianjin Medical University, Professor</i> Yugang Jiang <i>Tianjin Institute of Environmental and Operational Medicine, Professor</i>

#### From Plates to Microbes: How Nutrition Influences Date: Sept. 17, 14:00-17:00 **Room:** 104 the Human Microbiota and Health Hosted by: Probiotics-Prebiotics and Health Branch, Chinese Nutrition Society Supported by: Novozymes OneHealth IFF Health Chair: Prof. Ruifu Yang Prof. E Siong Tee 14:00-14:30 Clinical study of oat β-glucan-based prebiotic combinations on intestinal improvement Guiju Sun Southeast University, Professor 14:30-15:00 International manegment on probiotics E Siong Tee Nutrition Society of Malaysia, Chairman 15:00-15:30 Supporting women's health and wellness throughout the lifespan Anders Henriksson IFF Health, Director of Applications and Technical Support, Asia Pacific 15:30-16:00 Taking probiotics can help reduce societal costs of flu-like sickness Lars Bredmose Chr. Hansen Global, Science Director 16:00-16:30 Association between gut microbiota and health in older populations: oligosarcopenia and bone health in older adults Surajit Pathak Chettinad Hospital & Research Institute, India, Professor 16:30-17:00 Probiotics supplementation improves aerobic capacity and relieves anxiety in badminton players: a placebo-controlled, double-blinded, randomized Trial Mahenderan Appukutty, PhD FNSM, FMASO, Associate Professor

Symposia 17 PM O

**Session** 

Dietitian Dev	elopment and Future Diet Innovation Forum	Date: Sept. 17, 14:00-17:20 Room: 105
Hosted by: Chair:	Dietitian Association of Sichuan Province Culinary College of Sichuan Tourism University Prof. Wen Hu	
	Prof. Duo Li	
14:00-14:25	<b>Talent Training and Practice on Nutrition and Health</b> Li He <i>National Institute for Nutrition and Health, China CDC, F</i>	·
14:25-14:50	Chinese Macronutrient Acceptable Range: a Rand Duo Li Institute of Nutrition and Health, Qingdao University, Execu	lomized Controlled Trial
14:50-15:15	<b>Discussion on Standardized Training Plan for Clir</b> Kang Yu <i>Beijing Union Medical College Hospital, Professor</i>	nical Dietitians
15:15-15:40	Strategic Planning on Sustainable Nutrition in Hea Implementation of Plant Based Menus Clara Ming Nutrition Department and Patient Meal Service at Sha Hospital, Pl, Advisor	
15:40-16:05	Nutrition in Sichuan Cuisine and the Use of Diet to F Guo Zeng West China School of Public Health, Sichuan University	
16:05-16:30	Reflection and Exploration on the Construction of C and Personnel Training System Wen Hu West China Hospital, Sichuan University, Professor	Clinical Nutrition Discipline
16:30-16:55	<b>The Use of Nutritional Techniques in Pre-cooked Fo</b> Xiang Li <i>Dean of Culinary College, Sichuan Tourism College, Pro</i>	
16:55-17:20	Food and Nutrition, Food Culture and Behavior in Brea Yang Nadia Miranti University of Brawijaya, Lecturer	akfast in Malang City, Indone

#### Date: Sept. 17, 14:00-17:30 Nutrition for Community Health Room: 106 Community Nutrition and Health Management Branch, Chinese Nutrition Society Hosted by: Hebei Key Laboratory of Nutrition and Health Supported by: Nestlé Health Science Chair: Prof. Zengning Li Prof. Andrea Braakhuis 14:00-14:25 The debate of which diet is better, vegetarian or flexitarian? Andrea Braakhuis The University of Auckland, Auckland, New Zealand, Dean of the dietetics Department Community health focusing on elderly, sarcopenia and importance of protein. 14:25-14:50 Kalpana Bhaska Singapore Nutrition and Dietetic Association, President 14:50-15:15 Impact of diet on aging and neurodegenerative disease: advancing nutrition research and practice among Chinese population Guo Cheng West China Second University Hospital, Sichuan University, Professor; Department of Discipline Construction, West China Medical Center, Sichuan University, Minister; Development and Planning Division, Sichuan University, Vice Director 15:15-15:40 Food Environment Interventions to Improve the Dietary Behaviour of Young **Adults in Tertiary Education Settings** Rajshri Roy The University of Auckland, Auckland, New Zealand; Public Health Branch in New Zealand Association of Dietitians. Chair 15:40-16:05 Digital intelligent community nutrition and health management: Current situation and future trends Dapeng Liu Hebei Shichuang Information Technology Co., LTD, Chairman of the Board 16:05-16:30 **Nutrition for Community Health** Zengning Li The First Hospital of Hebei Medical University, Head of Clinical Nutrition; Hospital Stomatocology Hebei Medical University, Professor 16:30-16:55 Vitamin D Evaluation and Management Shiqi Tang Chairman of Health Management Branch of Chinese Nutrition Society, Professor 16:55-17:20 The role of time-limited eating in the health management of metabolic diseases. Shuang Rong School of Public Health, Wuhan University, Professor

Nutrition and Cognition in Early Life		<b>Date:</b> Sept. 17, 14:00-16:30 <b>Room:</b> 108
Hosted by: Supported by: Chair:	Nutrition Science and Research Grant Committee Heilongjiang Feihe Dairy Co., Ltd. Prof. Guowei Huang Prof. Kraisid Tontisirin	e of Chinese Nutrition Society
14:00-14:25	<b>Epigenetic Regulation of Epigenetic Factor CE</b> <b>Neural Developmental Disorders</b> Yun Wang <i>Neuroscience Research Institute, Peking Universi</i>	
14:25-14:50	<b>Establishment of Gut Microbiota in Infants and Development</b> Gang Wang <i>Jiangnan University, Professor</i>	d its Relationship with Neural
14:50-15:15	Nutrient Recommendations for Growing-up Kraisid Tontisirin Mahidol University, Professor	Milk
15:15-15:40	Research Progress and Application of Function Brain Health Guowei Huang Tianjin Medical University, Professor	onal Components of Nutrition in
15:40-16:05	The Gut Brain Axis and Beyond: Exploring the Oligosaccharides on the Developing Brain Kristen Finn, PhD dsm-firmenich, Lead Scientist Early Life Nutrition	
16:05-16:30	<b>Key Nutrients in Breast Milk Promoting Brain I</b> <b>Infant Formula</b> Jufang Li <i>Feihe Dairy, Senior Scientist</i>	Development and its Application

### Special Foods and Well-being: Balancing Safety and Functionality (Health Supplements, Medical Foods, Infant Foods)

Date: Sept. 17, 14:00-17:20 Room: 110

Hosted by: Supported by:	Sichuan Nutrition Society Nutritional Toxicology Branch, Chinese Nutrition Society Sichuan Food Safety Society West China School of Public Health, Sichuan University Food Safety Monitoring and Risk Assessment Key Laboratory of Sichuan Province
Chair:	Prof. Lishi Zhang Assoc. Prof. Jianlin Wu
14:00-14:25	Special food supervision and related regulations and standards in China Xiaoguang Yang National Institute for Nutrition and Health, China CDC, Professor
14:25-14:50	<b>The importance of nutritional support in people with chronic diseases</b> Fei Li <i>Clinical and Nutrition Science, Abbott Nutrition China R&amp;D Center, Associate Director</i>
14:50-15:15	Precise positioning and comprehensive development of "One Root of Medicine and Food" active ingredients based on multi-dimensional analysis Jianlin Wu Macau University of Science and Technology, Associate Professor
15:15-15:40	Phytochemicals and atherosclerosis Wenhua Ling School of Public Health, Sun Yat-sen University, Professor
15:40-16:05	Roles and mechanisms underlying nutrient metabolism in cancer treatment Xu Qian Nanjing Medical University, Professor
16:05-16:30	Application of TTC approach in food safety risk assessment Haixia Sui China National Center for Food Safety Risk Assessment, Research Professor
16:30-16:55	<b>Efficacy and safety of HMB in medical nutrition</b> Koh, Hong Xiang (Frederick) <i>Sengkang General Hospital, Associate Consultant</i>
16:55-17:20	Changes in the function of health food in China and thinking on the development of new functions Lishi Zhang West China School of Public Health, Sichuan University, Professor

#### **Research Progress of Nutrition and Diabetes:**

from Basic to Clinic

**Date:** Sept. 17, 14:00-18:10 **Room:** 115A

Hosted by: Supported by: Chair:	Diabetes Nutrition Branch, Chinese Nutrition Society Dietary and Culinary Nutrition Branch, Chinese Nutrition Society Abbott Laboratories Trading (Shanghai) Co., Ltd. Methuselah (Shanghai) Medical Technology Inc. Dr. Sheng Ge Prof. Duo Li
14:00-14:20	<b>Overview of nutrition and diabetes</b> Duo Li <i>Qingdao University, Professor</i>
14:20-14:40	Nutriceutical of diabetes: Japanese experience Shaw Watanabe Tokyo Agriculture University, Professor
14:40-15:00	<b>Type 2 Diabetes Originated from NAFLD</b> Xiaoying Li <i>Zhongshan Hospital, Fudan University, Professor</i>
15:00-15:20	Plant-based diet and diabetes Wen-Harn Pan Academia Sinica, Professor
15:20-15:40	<b>Tranditional Jiangnan Diet and Cardiometabolic Homeostasis</b> Jiqiu Wang <i>Ruijin Hospital, Shanghai Jiao Tong University School of Medicine, Principle Investigator</i>
15:40-16:00	<b>Correlates of metabolic syndrome in middle-aged and older Chinese adults in Malaysia</b> Leng Huat Foo <i>University Sains Malaysia, Senior lecturer</i>
16:00-16:30	Recent advances in Nutrition and Diabetes Li. Xiang Abbott Nutrition R&D, North Asia Region, Director
16:30-16:50	Shared causes and prevention stratiges on diabetes based on nutritional omic approach Tao Huang Peking University, Professor
16:50-17:10	Nutri-microbiome epidemiology for diabetes research Jusheng Zheng Westlake University, Professor
17:10-17:30	A contextual approach to the nutritional management of diabete Mark L. Wahqvist Monash Univesity, Professor
17:30-17:50	Strategic health policies that could impact the growth of diabetes in India Anura Kupad St John's Medical College, Professor
17:50-18:10	Guidelines of dietary therapy for adult diabetic patients 2023 Sheng Ge Shanghai Sixth People's Hospital, PhD, MD

Nucleotides Research: Function and Application		<b>Room:</b> 115B
Hosted by: Supported by:	Nutrition Science and Research Grant Committee o Zhen-ao Shuangdi (Dalian) Health Industry Group C	-
14:00-14:40	<b>Study on the safety and function of nucleotides</b> Yong Li <i>Peking University Health Science Center, Professor</i>	
14:40-15:20	<b>New progress in nucleotide antiaging research</b> Meihong Xu <i>Peking University Health Science Center, Professor</i>	
15:20-15:50	<b>Evaluation and Management of Novel food: Pres</b> Yan Song <i>China National Center for Food Safety Risk Assess</i>	
15:50-16:20	<b>Nucleotide production technology and quality c</b> Kun Zhao Dalian Zhen-Ao Bio-Tech Co., Ltd., General Manage	
16:30-17:00	Round Table: The Future of Nucleotide: Regulation, Applicatio	

## **Oral Abstract Presentation Schedule**

#### Sept 16, 12:30-13:30

Oral 1:	Balancing Health and Diet: Unveiling Dietary Patterns Chair: Ann Yaktine	Room: 103
Oral 2:	Innovations in Food Technology and Nutritional Quality: From Preserv Techniques to Sensory Experiences	vation
	Chair: Haoen Ding	Room: 104
Oral 3:	Nutritional Paradigms A Deep Dive into Unhealthy and Healthy Dietary Chair: Le Thi Hop	<b>Pattern</b> Room: 105
Oral 4:	Nutritional Perspectives in Oncology: Assessments, Prognostics, and Therapeutic Approaches	l
	Chair: Yizhun Zhu	Room: 106
Oral 5:	Nutri-Skeletal Dynamics: Examining Nutrition's Impact on Musculoske Chair: Mahenderan Appukutty	Room: 107
Oral 6:	Exploring Nutritional Strategies for Optimal Cardio-metabolic Health Chair: Hyun-Sook Kim	Room: 110
Oral 7:	Navigating the Nutritional Landscape of Diabetes Management Chair: Biju Pottakkat	Room: 115A
Oral 8:	Nutrition and Gut Health Chair: Jusheng Zheng	Room: 115B
Oral 9:	Nutrition and Brain Health: Insights into Mental Well-being and Cognitive Chair: Jeongseon Kim	Functions Room: 118
Oral 10:	Exploring Maternal and Infant Nutrition: Evidence from Chinese Studie Chair: Yixiang Su	e <b>s</b> Room: 406A
Oral 11:	Nutritional Modulation of Metabolic Health and Glucose Regulation Chair: Soksoi lao	Room: 408A

## **Oral Abstract Presentation Schedule**

#### Sept 16, 18:00-20:00

Oral 12:	Nutraceutical Innovations: From Functional Ingredients to Metabolic I Chair: Xiaofeng Dai, Hui Xia	Nodulation Room: 101
Oral 13:	Basic Nutrition: From Molecular Mechanisms to Health Impacts Chair: Qiuzhen Wang, Tianshu Han	Room: 106
Oral 14:	Nature's Nutraceuticals: Delving into Functional Foods and their Bene Chair: Guowei Huang, Jieshu Wu	e <b>fits</b> Room: 107
Oral 15:	Advancements in Clinical Nutrition and Health Management Chair: Shankuan Zhu, Yu An	Room: 108
Oral 16:	Nourishing the Next Generation: Advances in Childhood and Adolece Chair: Ai Zhao, Yuhan Tang	nt Nutrition Room: 115A
Oral 17:	Bridging Nutrition and Clinical Outcomes: Metabolic Disorders, Dieta Supplements, and Health	ry
	Chair: Zhongxiao Wan, Wang Liao	Room: 115B
Oral 18:	Weight Management and Metabolic Health: Comparative Approaches Novel Insights	and
	Chair: Le Ma, Geng Zong	Room: 118
Oral 19:	Cultivating Changes: Nutrition Education and Beyond Chair: Huanling Yu, Wenli Zhu	Room: 408A
Oral 20:	From Scarcity to Sufficiency: Addressing Malnutrition and Food Insecur Chair: Xiang Gao, Shanshan Cui	i <b>ty in Asia</b> Room: 408B

## **Oral Abstract Presentation Schedule**

#### Sept 17, 12:30-13:30

Oral 21:	Nutrition and the Environment: A Holistic Approach to Sustainable Diet Chair: Guo Zeng	t <b>s in Asia</b> Room: 101
Oral 22:	From Ingredients to Impact: Unveiling the Potentials of Bioactive Comp Chair: Kiyotaka Nakagawa, Lei Wang	<b>bounds</b> Room: 103
Oral 23:	The Omics Revolution: Exploring the Frontiers of Nutrition and Medicin Chair: Ahmad Sulaeman	<b>1e</b> Room: 104
Oral 24:	Harnessing Technology: Revolutionizing How We Understand Food Int Chair: Laxmaiah	a <b>ke</b> Room: 105
Oral 25:	Decoding the Diet-Cancer Nexus: Clinical and Molecular Perspectives Chair: Nalinee Chongviriyaphan	Room: 106
Oral 26:	Epidemiological Insights: Dietary Practices and Health Impacts in the Asia-Pa Chair: Do Thi Ngoc Diep	<b>cific Region</b> Room: 107
Oral 27:	The Vital Micronutrient Matrix: Impacts on Health and Disease Chair: Yichun Hu	Room: 108
Oral 28:	Nutrition Education: Bridging Knowledge, Behavior, and Health Outcor Chair: Wenjie Li	<b>nes</b> Room: 110
Oral 29:	Nutritional Genomics and Beyond: Multi-Omics Approaches in Dietary Chair: Shaokang Wang	<b>Research</b> Room: 115A
Oral 30:	Public Health Priorities: Navigating Nutritional Concerns in ChinaChair: Yuxia Ma	Room: 115B
Oral 31:	From Womb to Weaning: Nutritional Pathways to Optimal Growth Chair: Jing Zhu, Jie Wang	Room: 118
Oral 32:	Nutritional Neuropsychology: Diet's Role in Brain Health and Mood Dis Chair: Fubin Qiu	orders Room: 408A

## **Special Events**

#### UNICEF China Healthy Food City Symposium (By Invitation Only)

Date and Time: Sept. 14, 14:00-17:00 Location: Conference Room 204

#### FANS Executive Council Meeting (By Invitation Only)

Date and Time: Sept. 14, 15:00-17:30 Location: FANS Meeting Room, 5<sup>th</sup> floor of Tianfu International Convention Center

#### Press Release of Dietary Reference Intakes for China 2023 (By Invitation Only)

Date and Time: Sept. 15, 14:00-15:00 Location: Media Room 109

#### Press Release of Salt Reduction Initiative in Asia (By Invitation Only)

Date and Time: Sept. 15, 15:00-16:00 Location: Media Room 109

#### WHO-CHINA Close Door Forum on Obesity Control (By Invitation Only)

Date and Time: Sept. 15, 16:00-17:00 Location: Media Room 109

#### Expert Interview (By Invitation Only)

Date and Time: Sept. 15, 17:00-18:00 Location: Media Room 109

#### FANS 50<sup>th</sup> Anniversary Celebration Gala Dinner

Date and Time: Sept. 15, 18:30-21:00 Location: Room 406 Join by invitation or purchase tickets.

## **Press Release of Glycemic index labeling specification for prepackaged foods** (By Invitation Only)

Date and Time: Sept. 16, 13:30-14:30 Location: Media Room 109

## Press Release of Appropriate range of body mass index and body weight management guidelines for Chinese oldest old (By Invitation Only)

Date and Time: Sept. 17, 9:30-11:00 Location: Media Room 109

#### NEASIAFOODS Working Group Meeting (By Invitation Only)

Date and Time: Sept. 17, 12:30-13:30 Location: Media Room 109

#### **Educational Tour**

Date and Time: Sept. 18, 7:30-12:00 Assembly point: West Gate of Tianfu International Convention Center Join by invitation or purchase tickets.

## 第16届全国营养科学大会"可持续营养助力未来"

时间:9月16日,18:00-20:45 地点:105室

主办方 中国营养学会

主席 杨月欣

- 执行委员会 马爱国、朱蓓薇、任发政、杨晓光、蔡威、肖荣、常翠青、刘烈刚、凌文华、于康、李增宁、 丁钢强、孙长颢、韩军花
- 18:00-18:10
   领导致辞
   马爱国
   中国营养学会常务 副理事长
   青岛大学营养与健康研究院 院长
- 18:10-18:40 中国DRIs的发展与应用 马爱国 中国营养学会常务 副理事长 青岛大学营养与健康研究院 院长
- 18:40-19:10
   中国奶业现状与趋势
   任发政
   中国营养学会常务 副理事长
   中国工程院 院士
   中国农业大学营养与健康研究院 院长
- 19:10-19:40Potential of microalgae in feeding the world<br/>雷新根<br/>美国康奈尔大学教授<br/>J Nutr杂志 主编
- 19:40-20:00 合理营养如何提升运动健康效益 常翠青 中国营养学会 副理事长 北京大学第三医院 教授
- 20:00-20:20 **外周Aβ在2型糖尿病与阿尔茨海默病关联中的作用及机制研究** 刘烈刚 中国营养学会 副理事长 华中科技大学公共卫生学院 副院长
- 20:20-20:40 **食品风险评估方法应用进展** 刘兆平 国家食品安全风险评估中心 研究员/副主任
- 20:40-20:45 结束

更多主题报告请见前页。

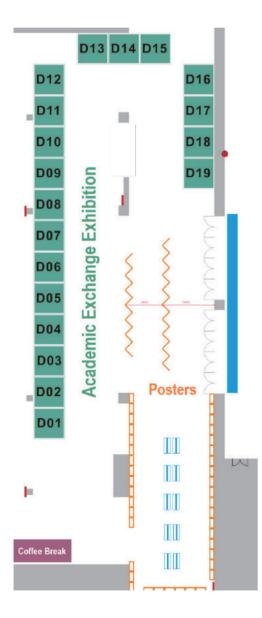
## Platimun Partners and Academic Exchange Exhibition

#### **Platimun Partners**

Amway (China) Nestlé (China) Junlebao Dairy Group Health And Happiness (H&H) China

#### Academic Exchange Exhibition

The Academic Exchange Exhibition is located at the right (south) side of the Exhibition Hall. Please refer to the following diagram for booth location.



#### Exhibitors:

D01 MDPI D02 Food Innovation and Advances D03 ASN/JN D04 People's Medical Publishing House **D05 Peking University Medical Press** D06 World Animal Protection D07 Chengdu Nutrition Society D08-09 China Health Promotion Foundation D10 ILSI D11 The Nutrition Society D12 Nutrition Society of India D13 Japan Society of Nutrition and Food Science (JSNFS) D14 Nutrition Association of Thailand D15 Nutrition Society of Malaysia D16 IUNS - ICN 2025 - Paris D17 IUNS D18 Chinese Nutrition Society D19 FANS

## **Congress Supporting Services**

#### Lunch

Free meals are provided for registered participants during lunch breaks from 12:00 to 13:15, Sept. 15-17, please pick up lunch boxes with your tickets (received with the conference materials) outside of the session rooms.

#### **Simultaneous Interpretation Service**

English-Chinese simultaneous interpretation is provided in selected venues. For simultaneous interpretation headphones, please present your valid ID card/driver's license/passport to the distribution desk at the entrance of the venue. Please take good care of the headphones and return them to the distribution desk after the conference.

To solve any problem(s) associated with the equipment during the conference, please feel free to consult the headphones distribution desk.

#### Volunteers

Volunteers in matching blue vest uniforms are ready to help you at the congress. Don't hesitate to ask for assistance!

#### Prayer Room

The Prayer Room is available at Room 113 on the 1<sup>st</sup> floor of the Convention Center.

#### **First Aid**

The First Aid Room is available at Room 119 on the 1<sup>st</sup> floor of the Convention Center.

## Area Map



## Area Map

#### Restaurants

#### ① Gu Zao Men Niu Rou

The traditional delicacies from Leshan, Sichuan. Weekdays: 10:00-22:00 Weekends/Holidays: 10:00-22:00

#### 3 You Zi You Wei

It has the characteristics of local cuisine, mostly consisting of home style dishes. Weekdays: 9:00-21:00 Weekends/Holidays: 9:00-21:00

#### **(5)** Shu Wei Xian Chao Shou

Chengdu Special Dumpling Shop Weekdays: 9:00-23:00 Weekends/Holidays: 9:00-21:00

#### 2 Zi Gong Yan Bang Te Se Cai

Sichuan Yanbang cuisine, known for its rich, numbingly spicy and flavorful taste. Weekdays: 9:00-21:00 Weekends/Holidays: 9:00-21:00

#### **④ LIQUOR FEAST**

Suitable for business entertainment or gatherings. Weekdays: 11:00-14:00, 17:00-22:00 Weekends/Holidays: 11:00-14:00, 17:00-22:00

#### **⑥ SHEN BU LIAO Hot Pot**

Sichuan Hot Pot Weekdays: 9:00-23:00 Weekends/Holidays: 9:00-21:00

#### **Hotel Connect Information**

1 Holiday Inn Chengdu Qinhuang	+86 (28) 6709 8888
② Courtyard by Marriott Chengdu South	+86 (28) 6719 8888
③ Yong'an Boutique Hotel	+86 (28) 6061 6666
④ Four Points by Sheraton Chengdu Tianfu New Area	+86 (28) 6759 6666
⑤ Chengdu Kaitongjinjiang Hotel	+86 (28) 8135 1666
6 Hampton by Hilton Chengdu WCIEC	+86 (28) 8585 6668
$\oslash$ Chengdu Qinhuang Yong'an Hotel	+86 (28) 6311 8888
8 Vienna Hotel	+86 (28) 8151 0555-0

## **Local Information**

#### 144-hour Visa-free Transit Policy

The visa-free transit policy for foreigners is a part of the visa-free system implemented by countries around the world. It refers to the policy that foreigners can transit from one country to a third country without applying for a transit country visa and can stay in the transit country for a short period of time in accordance with laws or relevant regulations of the transit country.

Eligible passengers can present their valid entry/exit documents and a joint ticket to a third country (region) with a confirmed date and seat within 72/144 hours to the staff of the transportation vehicle on duty, and the person in charge of the transportation vehicle will declare to the border checkpoint before arriving at the above-mentioned port. After verification and approval, the border checkpoint will handle the 72/144-hour visa-free transit procedures for them.

Please find more information on Travel & Visa Page of congress website.

#### Weather

In autumn, the average high temperature in Chengdu may reach around 27°C (81°F), with the average low temperature around 20°C (68°F), and humidity around 80%.

#### Electricity

The electricity in China is 220 Volts /50 HZ.

#### **Currency Exchange/ATM**

The official currency in China is the Renminbi (RMB or CNY) or in Chinese "Ren-min-bi". Currency exchange is available at most banks and large hotels. The Bank of China has an ATM network that allows cash withdrawals from major credit/debit cards. The Area Map indicates the locations of the nearby ATMs.

You may pay your bills with Alipay or WeChat pay (mobile phone apps) at any of the stores. To set up Alipay on your phone, please download the "Alipay" app (available in both Android and IOS app stores). After completing account registration on the app, you may add overseas bank cards (Visa, MasterCard and JCB supported).

#### **Calling for Help**

Police 110 Fire 119 Ambulance 120

#### **Tourism Information**

Please visit the travel desk for more local tourism information.

## THE INTERNATIONAL UNION OF NUTRITIONAL SCIENCES (IUNS)



The International Union of Nutritional Sciences (IUNS) was first proposed in July of 1946 in London, and formalised in 1948. Since then the Union has grown steadily to over 85 members and held 21 international congresses around the world.

#### The Mission and Objectives of the IUNS are:

• To promote advancement in nutrition science, research and development through international cooperation at the global level.

• To encourage communication and collaboration among nutrition scientists as well as to disseminate information in nutritional sciences through modern communication technology.

## THE FEDERATION OF ASIAN NUTRITION SOCIETIES (FANS)



The Federation of Asian Nutrition Societies (FANS) was officially established in 1973. It is an regional affiliated body of the International Union of Nutritional Sciences (IUNS). The Asian Congress of Nutrition is held by FANS every four years to encourage the exchange of information and experiences in nutrition research, training and action programs among the member countries.

#### Objectives of the FANS are:

• To foster international fellowship among nutrition scientists of the region and promote cooperative working arrangements particularly in the furtherance of nutrition research, training and action programs.

• To encourage the exchange of information and experiences in nutrition research, training and action programs among the member countries, particularly through the periodic holding of Asian Congress of Nutrition.

• To act as a liaison between the member countries and the International Union of Nutritional Sciences as well as the appropriate United Nations Agencies.

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## THE CHINESE NUTRITION SOCIETY



The Chinese Nutrition Society (CNS) founded in 1945, CNS is a nation-wide and non-profit academic organization dedicated to bring nutrition scientists and professionals together to advance nutrition science as well as to support the dissemination and application of nutrition to improve public health in China and beyond. CNS publishes science books and provides education and professional development opportunities to advance nutrition research, practice, and education.

CNS is composed of the board of directors, the executive council, the council, branches and working committees. Currently, CNS has over 60000 individual members from across China, including academics, nutritionists, clinicians, dietitians, health workers, educators, and students. The secretariat of CNS is located in Beijing.

Tel: +8610-83554781 Website: www.cnsoc.org Email: CNS@cnsoc.org

Address: Chinese Nutrition Society, 16 floor, Unit 5, Building A, Fenghua Square, No 6 Guang-an-men-nei Street, Beijing, 100053, China

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IUNS-ICN2025

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