

## 【座長】

Track	Session	New Session code	Full Name	Session title	Session Date
Opening Lecture	Opening Lecture	OL1	Yasuo Kagawa	Serendipities of acquired immunity	Tuesday, December 6, 2022
3	Special Lecture	SL(T3)1	Yukari Takemi	Health effects of dietary risks - evidence from the global burden of disease study	Wednesday, December 7, 2022
3	Symposium	SY(T3)1	Kumi Eto	Eating together towards healthy life and better well-being throughout lifecourse	Wednesday, December 7, 2022
3	Symposium	SY(T3)3	Shoji Shinkai	Nutrition for older adults	Wednesday, December 7, 2022
5	Special Lecture	SL(T5)1	Fumi Hayashi	Measures against obesity and metabolic syndrome in Japan and progress toward Japan-Russia joint project	Wednesday, December 7, 2022
6	Open Symposium	SY(T6)3	Yukari Takemi	Ultra-processed foods: the scientific evidence, the food systems and commercial drivers, and the policy responses	Wednesday, December 7, 2022
9	Open Symposium	SY(T9)2	Shigeho Tanaka	100 years' history and perspective of National Institute of Health and Nutrition, Japan	Wednesday, December 7, 2022
Special Symposium	Special Symposium	SSY2	Chizuru Nishida	One year after the Tokyo Nutrition for Growth (N4G) Summit: Any impact on transforming food environment to achieve sodium reduction?	Wednesday, December 7, 2022
Opening Lecture	Opening Lecture	OL1	Yasuo Kagawa	Serendipities of acquired immunity	Tuesday, December 6, 2022
2	Special Lecture	SL(T2)2	Shoji Shinkai	Sarcopenic obesity	Thursday, December 8, 2022
5	Symposium	SY(T5)5	Yukari Takemi Chizuru Nishida	Healthy food environment	Thursday, December 8, 2022
6	Symposium	SY(T6)9	Satoshi Sasaki	Current status and issues on Dietary Reference Intakes (DRIs) / Recommended Dietary Allowances (RDA) in the selected countries	Thursday, December 8, 2022
3	Symposium	SY(T3)5	Chizuru Nishida	JSNFS Symposium on Nutrition and Health: the New Topics of the Global Nutrition	Thursday, December 8, 2022
5	Special Lecture	SL(T5)2	Chizuru Nishida	Ultra-processed foods, diet quality and health: evidence and policy implications	Thursday, December 8, 2022
Public Forum	Public Forum	PF1	Yukari Takemi	Public Forum	Saturday, December 10, 2022
6	Symposium	SY(T6)19	Kazuhiko Yamada	Current status and issues on nutrition labeling system in each region	Saturday, December 10, 2022
Special Symposium	Special Symposium	SSY7	Chizuru Nishida	WHO Symposium on New Developments in Food and Beverage Marketing to Children	Saturday, December 10, 2022

【演者】

Session	New Session code	Full Name	Presentation Title	Session title	Session Date
Symposium	SY(T3)1	Kumi Eto	[Eating together throughout lifecourse in Japan] The importance of eating together for a healthy life throughout the lifecourse in Japan	Eating together towards healthy life and better well-being throughout lifecourse	Wednesday, December 7, 2022
Special Lecture	SL(T5)1	Kazuyo Tsushita	[Measures against obesity and metabolic syndrome in Japan and progress toward Japan-Russia joint project] Measures against obesity and metabolic syndrome in Japan: Findings from the Specific Health Checkups and Specific Health Guidance System	Measures against obesity and metabolic syndrome in Japan and progress toward Japan-Russia joint project	Wednesday, December 7, 2022
Symposium	SY(T5)5	Yukari Takemi	[Creating healthy food environment in Japan: The certification system by the Academic Societies.] Creating a healthy food environment by public-private-academia collaboration in Japan	Healthy food environment	Thursday, December 8, 2022
Symposium	SY(T6)9	Satoshi Sasaki	[Dietary Reference Intakes for Japanese (2020)] Dietary Reference Intakes for Japanese (2020)	Current status and issues on Dietary Reference Intakes (DRIs) / Recommended Dietary Allowances (RDA) in the selected countries	Thursday, December 8, 2022
Symposium	SY(T5)7	Hiromi Ishida	[The contribution of a School Lunch Program to Nutrition Management for Japanese Children.] The Contribution of School Lunch Program to Nutrition Management for Japanese Children	Role of school meal service program	Friday, December 9, 2022
Special Lecture	SL(T2)3	Satoshi Sasaki	[Eating behaviours as a future direction in nutrition research: what we have known and not known about the association between eating speed and obesity] Eating behaviors as a future direction in nutrition research: what we have known and not known about the association between eating speed and obesity	Eating behaviors as a future direction in nutrition research: what we have known and not known about the association between eating speed and obesity	Friday, December 9, 2022

Public Forum	PF1	Shoji Shinkai	Frailty Prevention and Its Measures toward Healthy Longevity - Nutrition, Exercise and Social Participation	Public Forum	Saturday, December 10, 2022
Open Symposium	SY(T3)12	Kumiko Shoji	[One Carbon Metabolism during pregnancy and fetal peiod ] One-carbon metabolism during pregnancy and the fetal period	Nutrition in fetal programming and future health of life	Saturday, December 10, 2022

### 【一般演題(ポスター)】

Program No.	Title	Authors	Affiliations
<b>PAB(T1)-16</b>	Relationship between serum 5-methyltetrahydrofolate status and one-carbon metabolism-related metabolites in young women	*Yoshinori Kubo1, Akiko Tajima1, Kumiko Shoji1, Yasuo Kagawa1, Yoriko Watanabe1, Sayaka Horiguchi1, Hideoki Fukuoka2, Masazumi Nishikawa3, Terue Kawabata1	1. Kagawa Nutrition University(Japan), 2. Fukushima Medical University(Japan), 3. Miyagi University(Japan)
<b>PAB(T2)-15</b>	Fluctuation of Serum 25(OH)D During the Menstrual Cycle in Young Japanese Women	*Yukino Nakamura1, Kazuhiro Uenishi1	1. Kagawa Nutrition University, Laboratory of Physiological Nutrition(Japan)
<b>PAB(T2)-99</b>	Characteristics of physical growth in lean girls at the end of adolescence	*Saki Yamanaka1, Rieko Sato1, Kazuhiro Uenishi1, Hiromi Ishida1	1. Kagawa Nutrition University(Japan)
<b>PAB(T3)-104</b>	Estimation of the Sodium-to-Potassium Ratio by Meal Patterns in Japan	*Kaori Ohmura1, Tamie Inose2, Ishii Yoshiko2, Saki Yamanaka2, Kazuhiro Uenishi2, Hiromi Ishida2	1. Teikyo University(Japan), 2. Kagawa Nutrition University(Japan)
<b>PAB(T5)-1</b>	Associations between Perceptions of Attractive Body, BMI, and eating habits among Young Women with and without Children in Japan	*Kana Takahashi1, Akari Tsuchiya1, Fumi Hayashi1, Yukari Takemi1	1. Kagawa Nutrition University(Japan)
<b>PAB(T5)-19</b>	Creating a system for evaluating Shokuiku (food and nutrition education) in Japanese schools	*Akemi Nakanishi1, Kumi Eto1, Mieko Kanbe2, Takayo Inayama3, Tatsuki Sakamoto4, Tomomi Ainuki5, Rie	1. Kagawa Nutrition University(Japan), 2. Kiryu University(Japan), 3. The University of Nagano(Japan), 4.
<b>PAB(T5)-42</b>	Meal preparation characteristics of Japanese elderly people: A preliminary study of the elderly living alone.	*Megumi Togawa1, Fumi Hayashi1, Yukari Takemi1	1. Kagawa Nutrition University(Japan)

<b>PAB(T5)-57</b>	Survey on Current Status of Education and Academic-Industrial Partnerships at Dietitian Training Universities in Vietnam Second report: Consideration of industry-academia collaboration in the food service field	*Yoshiyuki Takato1, Haruna Ubukata1, Chi Kim Nguyen1, Huy Do Nguyen2,3, Nhung Thi Hong Hoang2, Chi Thi Quynh Vu4, Chi Thi Quynh Nguyen, Hiromi Ishida5	1. SHIDAX CORPORATION(Japan), 2. National Institute of nutrition(Viet Nam), 3. Thanh Dong University(Viet Nam), 4. Dong A University(Viet Nam), 5. Kagawa Nutrition University(Japan)
<b>PAB(T5)-58</b>	Survey on the Current Status of Education and Academic-Industrial Partnerships at Dietitian Training Universities in Vietnam First Report: Current Status of Education at Dietitian Training Universities in Vietnam	*Huy Do Nguyen1,2, Nhung Thi Hong Hoang1, Yoshiyuki Takato3, Haruna Ubukata3, Chi Kim Nguyen3, Chi Thi Quynh Vu4, Chi Thi Quynh Nguyen, Hiromi Ishida5	1. National Institute of nutrition(Viet Nam), 2. Thanh Dong University (Viet Nam), 3. SHIDAX CORPORATION(Japan), 4. Dong A University(Viet Nam), 5. Kagawa Nutrition University(Japan)
<b>PAB(T6)-101</b>	Comparison of nutrient intake on weekdays and holidays and evaluation using the Dietary Reference Intake of infants attending nursery schools in Japan	*Atsuki Sakai1, Katsushi Yoshita1, Takako Takahashi1, Tetsuko Okabe2, Ruriko Sasaki3, Hiromi Ishida4, Yukiko Yoshioka5, Miho Nozue6, Tatsuaki Sakamoto7, Nobuko Murayama8	1. Osaka City University(Japan), 2. Tenshi College(Japan), 3. Miyagi Gakuin Women's University(Japan), 4. Kagawa Nutrition University(Japan), 5. Sagami Women's University(Japan), 6. Tokoha University(Japan), 7. Prefectural University of Kumamoto(Japan), 8. University of Niigata Prefecture(Japan)
<b>PAB(T6)-107</b>	Association of changes in dietary variety with all-cause mortality among older Japanese adults with/without frailty	*Toshiki Hata1,2, Satoshi Seino1, Yui Tomine1, Yuri Yokoyama1, Miki Narita1, Mariko Nishi1, Shoji Shinkai3, Akihiko Kitamura4, Yoshinori Fujiwara1	1. Tokyo Metropolitan Institute of Gerontology(Japan), 2. Graduation school of Tokyo University of Agriculture(Japan), 3. Kagawa Nutrition University(Japan), 4. Health Town Development Science Center, Yao City Health Center(Japan)
<b>PAB(T6)-136</b>	Nutrient adequacy of Japanese schoolchildren on days without a school lunch as an alternative to household income	*Chika Horikawa1, Nobuko Murayama1, Hiromi Ishida2, Taeko Yamamoto3, Sayaka Hazano4	1. University of Niigata Prefecture(Japan), 2. Kagawa Nutrition University(Japan), 3. Kanagawa University of Human Services(Japan), 4. Matsumoto University(Japan)

<b>PAB(T6)-156</b>	Are popular books on diet and health written based on scientific evidence?: A comparison of references cited in books between the US and Japan	*Riho Adachi <sup>1</sup> , Fumi Oono <sup>1</sup> , Akinori Yaegashi <sup>2,3</sup> , Madoka Kishino <sup>4</sup> , Risa Ogata <sup>5</sup> , Mizuki Suga <sup>6</sup> , Ayari Tsumura <sup>7</sup> , Anna Kinugawa <sup>8</sup> , Moe Matsumoto <sup>5</sup> , Satoshi Sasaki <sup>1</sup>	1. The University of Tokyo(Japan), 2. Hokkaido Bunkyo University(Japan), 3. Hokkaido University(Japan), 4. Tokyo University of Agriculture(Japan), 5. Ochanomizu University(Japan), 6. Nakamura Gakuen University(Japan), 7. Tokushima University(Japan), 8. Tohoku University(Japan)
<b>PAB(T6)-158</b>	Food groups consumption in Japanese schoolchildren with a low diet cost and good nutrient intake	*Yui Kojima <sup>1</sup> , Nobuko Murayama <sup>1</sup> , Hiromi Ishida <sup>2</sup> , Taeko Yamamoto <sup>3</sup> , Sayaka Hazano <sup>4</sup>	1. University of Niigata Prefecture(Japan), 2. Kagawa Nutrition University(Japan), 3. Kanagawa University of Human Services(Japan), 4. Matsumoto University(Japan)
<b>PAB(T6)-214</b>	Association of Dietary Na/K Ratio with Intake of Nutrients in Japanese Children Aged 3-5 Years Old	*Eri Uezu <sup>1</sup> , Tatsuya Koyama <sup>2</sup> , Ruriko Sasaki <sup>3</sup> , Hiromi Ishida <sup>4</sup> , Katsushi Yoshita <sup>1</sup>	1. Osaka Metropolitan University(Japan), 2. Aomori University of Health and Welfare(Japan), 3. Miyagi Gakuin Women's University(Japan), 4. Kagawa Nutrition University(Japan)
<b>PAB(T6)-225</b>	A meal quality score based on Japanese healthy meal guidelines and its association with nutrient intakes in adult men and women	*Mariko Takano <sup>1</sup> , Fumi Hayashi <sup>1</sup> , Yukari Takemi <sup>1</sup>	1. Kagawa Nutrition University(Japan)
<b>PAB(T6)-227</b>	Changes in dietary consciousness throughout the coronavirus infectious disease 2019 pandemic among Japanese adults	*Fumi Hayashi <sup>1</sup> , Yukari Takemi <sup>1</sup>	1. Kagawa Nutrition University(Japan)
<b>PAB(T6)-229</b>	Effects of dairy beverages fortified with protein and micronutrients on the risk of early-stage undernutrition and frailty in community-dwelling older adults: A randomized, controlled trial	*Miki Narita <sup>1</sup> , Shoji Shinkai <sup>2</sup> , Yuri Yokoyama <sup>1</sup> , Akihiko Kitamura <sup>1</sup> , Hiroki Inagaki <sup>1</sup> , Yoshinori Fujiwara <sup>1</sup> , Shuichi Awata <sup>1</sup>	1. Tokyo Metropolitan Institute of Gerontology(Japan), 2. Kagawa Nutrition University(Japan)
<b>PAB(T6)-238</b>	Association between recommended Japanese dietary patterns and the source of salt intake among middle-aged Japanese adults: Analysis of food grouping based on NOVA system	*Kaori Koiwai <sup>1</sup> , Yukari Takemi <sup>1</sup> , Keiko Ozawa <sup>2</sup> , Akiko Kubo <sup>1</sup>	1. Kagawa Nutrition University(Japan), 2. Junior College of Kagawa Nutrition University(Japan)

<b>PAB(T6)-251</b>	Food Environmental Interventions Using Nudge Tactics in a Hospital Convenience Store is Cost-Effective	*TERUKO KAWABATA1, MASAKAZU NAKAMURA1, YUKARI TAKEMI2, FUMI HAYASHI2, TAKASHI YAMADA1	1. Japan Association for Development of Community Medicine(Japan), 2. Kagawa Nutrition University (Japan)
<b>PAB(T6)-49</b>	Development and validation of a diet quality score for Japanese adults	*Fumi Oono1, Kentaro Murakami1, Aya Fujiwara2,1, Keiko Asakura3, Shizuko Masayasu4, Satoshi Sasaki1	1. University of Tokyo(Japan), 2. National Institutes of Biomedical Innovation, Health and Nutrition(Japan), 3. Toho University(Japan), 4. Ikurien-naka(Japan)
<b>PAB(T6)-82</b>	Impact of the COVID-19 pandemic on mother's experiences during pregnancy, breastfeeding practices, and supporting environment for infants: A comparison between mothers delivered before and after the State of Emergency	*Masaharu Kagawa1,2,3,4,5, Mari Shinde1,6, Eri Matsuzaki1,7	1. Kagawa Nutrition University(Japan), 2. Curtin University(Australia), 3. Queensland University of Technology(Australia), 4. Mahidol University(Thailand), 5. Universitas Airlangga(Indonesia), 6. Health Support Lab CANNAN(Japan), 7. Japan Nutrition Testing Association(Japan)
<b>PAB(T7)-126</b>	Effect of imidazole-dipeptides deficiency on protein metabolism in skeletal muscle of exercise-loaded mice	*Jiawei Wu1, Toshihide Nishimura1	1. Kagawa Nutrition University(Japan)
<b>PAB(T7)-133</b>	Effect of imidazole-dipeptides deficiency on spontaneous motor activity of mice	*Ayane Seki1, JIAWEI WU1, Toshihide Nishimura1	1. Kagawa Nutrition University(Japan)
<b>PAB(T7)-59</b>	Effects of Matcha Green Tea Consumption on Dynamic Visions (a Randomized Double-Blind Human Trial)	*Emiko Oda1, Miho Nakayama1, Wakana Harada1, Yukimi Mogi1, Yukino Nakamura1, Yoichi Fukushima2,3, Kazuhiro Uenishi1	1. Kagawa Nutrition University, Laboratory of Physiological Nutrition(Japan), 2. Nestlé Japan Ltd, Tokyo(Japan), 3. Daito Bunka University, Saitama(Japan)
<b>PAB(T7)-69</b>	Effects of milk basic protein supplementation on bone density and bone metabolism markers in female college long-distance runners: A double-blind randomized controlled trial	*Noa Itou1, Kazuhiro Uenishi2	1. Kagawa Nutrition University(Currently KYORIN Pharmaceutical Co.,Ltd.) (Japan), 2. Kagawa Nutrition University(Japan)

<b>PAB(T7)-70</b>	Effect of Kiwifruit Intake on Antioxidant Activity and Mood among College Male Middle- and Long-Distance Runners	*Hiroko Motohashi <sup>1</sup> , Nami Imai <sup>2</sup> , Kazuhiro Uenishi <sup>1</sup>	1. Kagawa Nutrition University, Laboratory of Physiological Nutrition(Japan), 2. Nihon Pharmaceutical University, Department of Pharmaceutical and Medical Business Sciences(Japan)
<b>PAB(T7)-94</b>	Cognitive benefit of breakfast combined with caffeinated coffee and malt drink (a randomized placebo-controlled double-blind crossover human study)	*Mayumi Arai <sup>1</sup> , Daisuke Harada <sup>1</sup> , Noriko Yokoyama <sup>1</sup> , Takahiro Ono <sup>2</sup> , Kazuhiro Uenishi <sup>3</sup> , Yoichi Fukushima <sup>4</sup>	1. Nestle Japan Ltd.(Japan), 2. Ueno Asagao Clinic(Japan), 3. Kagawa Nutrition University(Japan), 4. Daito Bunka University(Japan)
<b>PAB(T8)-22</b>	Effect of heating method and formulation on the aroma profile of sponge cake	*Tomoko Matsuura <sup>1</sup> , Toshihide Nishimura <sup>2</sup> , Keiko Shibata <sup>2</sup>	1. Graduate School of Kagawa Nutrition University(Japan), 2. Kagawa Nutrition University(Japan)
<b>PAB(T8)-23</b>	Comparison of physiologically functional compounds in Sika deer Cervus nippon meats obtained from different regions of Japan	*Shiho Miyata <sup>1</sup> , Kazuhiro Chiku <sup>2</sup> , Toshihide Nishimura <sup>1</sup>	1. Kagawa Nutrition University(Japan), 2. Nippon Veterinary and Life Science University(Japan)

## 【口頭】

Program No.	Date	Title	Authors	Affiliations
<b>OAB(T5)3-4</b>	Friday, December 9	Food choice motivators and food literacy in relation to diet quality in Japanese adults aged 19–80 years: a nationwide cross-sectional study	*Kentaro Murakami <sup>1</sup> , Nana Shinozaki <sup>1</sup> , Xiaoyi Yuan <sup>2</sup> , Ryoko Tajima <sup>2</sup> , Mai Matsumoto <sup>2</sup> , Shizuko Masayasu <sup>3</sup> , Tracy A McCaffrey <sup>4</sup> , Barbara E Livingstone <sup>5</sup> , Satoshi Sasaki <sup>1</sup>	1. University of Tokyo(Japan), 2. National Institute of Biomedical Innovation, Health and Nutrition(Japan), 3. Ikurien-Naka(Japan), 4. Monash University(Australia), 5. Ulster University(UK)