

Programs

August 19 (Fri)

Exhibition Hall D

11:30-12:30 Poster Session: Nutritional Biochemistry and Physiology

- PS-1-1 Inhibitory Effect of Extract from Eucalyptus Gunnii on α -Synuclein Amyloid Fibrils Formation**
Isao Suetake^{1,2}, Misaki Ono¹, Kaede Yamazaki³, Shigeki Ogai³, Kenichi Tanabe¹, Masaki Kato¹, Hisaya Kawate¹, Tomoyuki Oki¹, Hironobu Hojo², Hiroshi Hamajima³, Risa Mutoh⁴, Yasuo Nagata³, Masatomo So²
¹Department of Nutritional Sciences, Nakamura Gakuen University, Japan, ²Institute for Protein Research, Osaka University, Japan, ³Saga Food & Cosmetic Laboratory, Saga Prefectural Industrial Innovation Center, Japan, ⁴Department of Applied Physics, Fukuoka University, Japan
- PS-1-3 Characterization of Beige Adipocyte Progenitor Cells by Single-Cell Analyses and Their Implication in Lifestyle Diseases**
Yasuo Oguri^{1,2}, Tsutomu Sasaki¹
¹Laboratory of Nutrition Chemistry, Division of Food Science and Biotechnology, Graduate School of Agriculture, Kyoto University, Japan, ²Beth Israel Deaconess Medical Center, Division of Endocrinology, Diabetes & Metabolism, Harvard Medical School, USA
- PS-1-4 Comparison of Metabolome under Pyridoxine Sufficient and Deficient Conditions in SH-SY5Y Cells**
Nana Itoh, Kotomi Fujita, Toshio Iwaki, Shigeo Takenaka, Hiroaki Kanouchi
Life and Environmental Science, Osaka Prefecture University, Japan
- PS-1-5 The Exposure to Dashi through the Lactating Mother Alters Appetite of Offsprings for Oil during Their Adulthood**
Shunsuke Fushimi, Tsutomu Sasaki
Laboratory of Nutrition Chemistry, Division of Food Science and Biotechnology, Graduate School of Agriculture, Kyoto University, Japan
- PS-1-6 Vitamin B₆ Deficiency Induced Accumulation of Liver Lipids, and It was Effectively Ameliorated by Choline and to a Lesser Extent, Betaine**
Erina Kitagawa^{1,2}, Yuki Ota³, Maki Hasegawa⁴, Tomoyuki Nakagawa^{1,3,4}, Takashi Hayakawa^{4,5}
¹Department of Science of Biological Resources, The United Graduate School of Agricultural Science, Gifu University, Japan, ²Department of Health and Nutrition, Nagoya Bunri University, Japan, ³Department of Applied Life Sciences, The Graduate School of Applied Biological Sciences, Gifu University, Japan, ⁴Department of Applied Biological Sciences, Gifu University, Japan, ⁵Department of Applied Life Studies, College of Nagoya Women's University, Japan
- PS-1-7 Effects of Greek Yogurt on Body Composition, Muscle Strength, Physical Functions, and Subjective Evaluation Parameters**
Aki Ogawa¹, Shunsuke Morita², Hiroshi Iwamoto², Kazuhiro Miyaji², Makoto Usami¹, Yasuhiro Kido¹
¹Department of Clinical Nutrition and Dietetics, Konan Women's University, Japan, ²Health Care & Nutritional Science Institute, R&D Division, Morinaga Milk Industry Co., Ltd., Japan
- PS-1-10 Characterization of Skin Conditions Leading to Sensitization, a Pre-phase of Food Allergy: A Mouse Model Study**
Mayuko Ichimura-Shimizu
Pathology and Laboratory Medicine, Tokushima University, Japan
- PS-1-11 HydroZitLa: New Beverage Formulated from Banana Stem Extract and Butterfly Pea Flower Delays Aging and Promotes Longevity in Preclinical Models**
Nattida Chotechuang¹, Ander Abarrategi², Jhonathan Andres Vergara², Mani Iyer Prasanth³, Tewin Tencomnao³, Kamonchanok Chuenwisad⁵, Sergio Moya⁴, Chanchai Boonla⁵
¹Food Technology, Faculty of Science, Chulalongkorn University, Thailand, ²Regenerative Medicine, CIC biomaGUNE, Spain, ³Clinical Chemistry, Faculty of Allied Health Science, Chulalongkorn University, Thailand, ⁴Soft Matter Nanotechnology, CIC biomaGUNE, Spain, ⁵Biochemistry, Faculty of Medicine, Chulalongkorn University, Thailand

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PS-1-12 A Thiamin Derivative Ingestion Was Tended to Be Lower in Akt Phosphorylation under Thiamin Sufficient State in Rat Skeletal Muscle

Hiroyuki Masuda

Health and Nutrition, Niigata University of Health and Welfare, Japan

11:30-12:30 Poster Session: Food Science

PS-1-13 Oxidative Stability of Oil Extracted from Pufferfish Liver at Different Temperatures

Kazue Onuki¹, Tomoka Okamoto², Yuki Sakakura¹, Tamao Noguchi³

¹Department of Food Sciences, Ibaraki Christian University, Japan, ²Graduate School of Human Life Science, Ibaraki Christian University, Japan, ³Postgraduate School of Healthcare, Graduate School, Tokyo Healthcare University, Japan

PS-1-15 Effect of Oven Set Temperature and Baking Tray Material on Quality and Core Temperature of Food

Hiroe Matsuzuki

Department of Food and Nutrition Design, Japan Women's University, Japan

PS-1-16 Multi-omics Analysis Reveals Therapeutic Effects of Bacillus Subtilis-fermenting Astragalus Membranaceus in Hyperuricemia via Modulation of Gut Microbiota

Ruoyu Wang

School of Public Health, Peking University, China

PS-1-17 Preparation of Egg-Free Mayonnaise-Like Seasoning Using Gelatinized Rice Flour for Food Allergies

Azumi Yamagishi¹, Asako Tamura²

¹Department of Child Studies, University of Niigata Prefecture, Japan, ²Department of Health and Nutrition, University of Niigata Prefecture, Japan

PS-1-18 The Ins and Outs of the Energy Values of Food

David Baer

Beltsville Human Nutrition Research Center, United States Department of Agriculture, USA

PS-1-19 Is the Fourth Function of Food 'Richness'?

Setsuko Maeda

Faculty of Agricultural Production and Management, Shizuoka Professional University of Agriculture, Japan

PS-1-20 Polyphenol Content and Antioxidative Activity in Apple Peel

Haato Nakamura^{2,1}, Yuzuka Yamada¹, Kaori Kitakoshi¹

¹Nutrition, Shigakkan University, Japan, ²Nutrition Division, Wakaba Hospital, Japan

PS-1-21 Effects of Amazake on the Blood Glucose Level and the Spontaneous Locomotor Activity in Stress-Loaded Juvenile Mice

Takako Yamato, Yuka Ando

Department of Nutritional Sciences, Nakamura Gakuen University, Japan

PS-1-22 The Effects of Cooking Methods and Time Course for Functional Component in Foodstuffs After Cooking

Ryo Mannen¹, Momoka Kawasaki², Naoko Otsuki^{1,2}, Kayoko Shimoj², Yoko Ichikawa^{1,2}

¹Graduate School of Integrated Pharmaceutical and Nutritional Sciences, University of Shizuoka, Japan,

²School of Food and Nutritional Sciences, University of Shizuoka, Japan

PS-1-23 Development of a Highly Sensitive Enzyme Immunoassay for the Determination of L-PGDS in Hens' Egg White

Satoshi Numata^{1,2}, Chika Ishida², Ryohei Nagata², Misako Ihara², Kou Lau², Makiko Suzuki²

¹Faculty of Health Sciences, Department of Nutrition, Kochi Gakuen University, Japan, ²Faculty of Nutrition, Department of Nutrition, University of Kochi, Japan

PS-1-24 Proposals for New and Improved Measures for the Development of Japan's Foods with Functional Claims System

Tomomi Hattori^{1,2}, Yoichi Nagamura¹

¹Department of Health Science, Graduate School of Health Science, University of Medical Science, Japan,

²Foods and Nutrition, Tsu City College, Japan

Programs

- PS-1-25 The Effect of Sword Bean (*Canavalia gladiate*) on Postprandial Blood Glucose Level**
Tomohisa Koyama¹, Yuichiro Takei¹, Yukiko Sumida¹, Syunsuke Higaki², Michiko Nishioka¹, Takashi Murakami¹, Reiko Aramaki¹, Reiko Inai¹
¹Faculty of Nutrition, University of Kochi, Japan, ²Department of Human Sciences, Hokkaido Bunkyo University, Japan
- PS-1-26 A Double-Blind Placebo-Controlled Trial on Natural Prebiotic Inulin Fiber for Digestive Health**
Ma. Teresa Tricia Guison Bautista
Family Medicine, Quirino Memorial Medical Center, Philippines
- PS-1-27 Change of Betalain and Geosmin Content in Red Beet; Consideration of Cultivation Period and Storage Methods**
Noriko Matsukawa, Hiromi Abiko, Yuzuki Kato, Yusei Narita, Sato Murao, Takayuki Tsukui, Yoshihito Arakawa
Depart of Health Sciences, College of Nutrition, Sapporo University of Health Sciences, Japan
- PS-1-28 Research on Psychological Changes by Mental Health Care Foods Intake for Staff of Care Welfare Facility**
Miho Hihara¹, Rina Kato², Keito Hagi³, Taiji Matsukawa³, Takayuki Okuno¹, Masaki Sonoda⁴
¹Sakura-en, Social Welfare Corporation Shuhokai, Japan, ²Global Health & Beauty Marketing Department, Mikakuto Co., Ltd., Japan, ³Global Healthcare Laboratory, Mikakuto Co., Ltd., Japan, ⁴Department of Neurosurgery, Yokohama City University, Graduate School of Medicine, Japan
- PS-1-30 Development of High-Amylose Pregelatinized Rice for Emergency Use**
Asako Tamura¹, Tomomi Tsuji¹, Azumi Yamagishi², Yasuaki Enoki³
¹Department of Health and Nutrition, University of Niigata Prefecture, Japan, ²Department of Child Studies, University of Niigata Prefecture, Japan, ³Advanced Research Institutes, Bourbon Corporation, Japan

12:30-13:30 Poster Session: System, Education and History of Dietitians

- PS-2-1 A Comparison of Registered Dietitian Accreditation System in China, the United States and Japan: From Past to Future**
Yajie Zhang^{1,2}, Xiaoli Wang², Xiuhua Shen^{1,2}, Yuexin Yang², Wei Cai^{1,2}, Aiguo Ma²
¹Pediatric Research Center, Shanghai Jiaotong University School of Medicine Affiliated Xinhua Hospital, China, ²Education and Training, Chinese Nutrition Society, China
- PS-2-2 Do Skill Improvement and What to Aim for in 10 Years as Dietitians Working in Municipalities Differ Depending on their Aimed Position?**
Tatsuya Koyama¹, Osamu Kushida², Yusuke Arai³, Kazumi Tanaka⁴, Ayaka Iida⁴, Ayumi Morooka⁵, Sumie Isobe⁶, Rie Okamoto⁷, Izumi Shibuya⁸, Katsushi Yoshita⁹
¹Faculty of Health Science, Aomori University of Health and Welfare, Japan, ²School of Food and Nutritional Sciences, University of Shizuoka, Japan, ³Department of Nutrition, Chiba Prefectural University of Health Science, Japan, ⁴Faculty of Health and Social Services, Kanagawa University of Human Services, Japan, ⁵Health Service Division, Hyogo Prefecture Government, Japan, ⁶Department of Welfare and Health, Niigata Prefecture, Japan, ⁷Institute of Medical, Pharmaceutical and Health Sciences, Kanazawa University, Japan, ⁸Seto Health Center, Aichi Prefecture, Japan, ⁹Department of Human Life Science, Osaka City University, Japan
- PS-2-3 Learning Needs of Public Health Dietitians by Years of Experience in Health Promotion in Japan**
Osamu Kushida¹, Tatsuya Koyama², Yusuke Arai³, Kazumi Tanaka⁴, Ayaka Iida⁴, Ayumi Morooka⁵, Sumie Isobe⁶, Rie Okamoto⁷, Izumi Shibuya⁸, Katsushi Yoshita⁹
¹School of Food and Nutritional Sciences, University of Shizuoka, Japan, ²Faculty of Health Science, Aomori University of Health and Welfare, Japan, ³Department of Nutrition, Chiba Prefectural University of Health Science, Japan, ⁴Faculty of Health and Social Services, Kanagawa University of Human Services, Japan, ⁵Health Service Division, Hyogo Prefecture, Japan, ⁶Niitsu Health Center, Niigata Prefecture, Japan, ⁷Faculty of Health Sciences, Kanazawa University, Japan, ⁸Seto Health Center, Aichi Prefecture, Japan, ⁹Department of Human Life Science, Osaka City University, Japan
- PS-2-4 Using Videos to Improve Knife Skills among University Students in Dietitian Training Courses**
Sachiko Terao
Health and Nutrition, Niigata University of Health and Welfare, Japan

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- PS-2-5 Vietnam Nutrition-system Establishment Project (VINEP)**
Kenji Shinkai, Eriko Kondo
AIN&VINEP Team, The Ajinomoto Foundation, Japan
- PS-2-6 Changes in Student Self-efficacy, and the Current Clinical Training Content**
Yumi Nishikawa¹, Miyuki Takeda¹, Tomoko Okamoto²
¹*Nourishment Management Office, Tohoku University Hospital, Japan, ²Department of Nutrition, School of Health Sciences, Sapporo University of Health Sciences, Japan*
- PS-2-7 Annual Income of Registered Dietitians in Japan: A Cross-sectional Study**
Ayaka Iida¹, Saori Kataoka¹, Yasutake Tomata¹, Toshiko Saito², Teiji Nakamura¹, Shihoko Suzuki¹
¹*School of Nutrition and Dietetics, Faculty of Health and Social Services, Kanagawa University of Human Services, Japan, ²Department of Health and Nutrition, Faculty of Health Sciences, Niigata University of Health and Welfare, Japan*
- PS-2-8 Trends in Career Paths of New Graduates of Registered Dietitian Training Facilities in Japan**
Saori Kataoka, Ayaka Iida, Yasutake Tomata, Teiji Nakamura, Shihoko Suzuki
School of Nutrition and Dietetics, Faculty of Health & Social Services, Kanagawa University of Human Services, Japan
- PS-2-9 Method for Evaluating Cleanliness in Cooking Classes**
Mio Yoneta, Itsumi Watanabe, Maiko Iwabe, Iori Okamoto, Megumi Sakamoto
Department of Nutrition, School of Health Sciences, Sapporo University of Health Sciences, Japan

12:30-13:30 Poster Session: Nutrition Education and Nutrition Through Life Course

- PS-2-11 Comparison of the Health Status of 15-year-old Schoolchildren in Khabarovsk and Niigata City in the Context of the Coronavirus Pandemic**
Hiromi Inaba^{1,2}, Fumi Hoshino², Kousuke Takano³, Kseniia Eduardovna Potapova⁴, Konstantin Vyacheslavovich Zhmerenetsky⁵, Marina Fedorovna Rziankina⁴, Kazuo Ishigami⁶
¹*Nutrition Science Research Center, Niigata University of Health and Welfare, Japan, ²Department of Health and Nutrition, Niigata University of Health and Welfare, Japan, ³Department of Health Information, Niigata University of Health and Welfare, Japan, ⁴Department of Polyclinic Pediatrics, Far Eastern State Medical University, Russia, ⁵Rector of the FSBEI HE, Far Eastern State Medical University, Russia, ⁶Medical Work and Social Partnership, Far Eastern State Medical University, Russia*
- PS-2-12 The Efficacy of Digitized Teaching on Nutrition Education during the COVID-19 Pandemic**
Tomoko Noma, Kyousuke Nowaki
Department of Nutrition, Koshien University, Japan
- PS-2-13 The Relationship between Body Type Recognition, Anemia And Dietary Intake in College Female Students**
Noriko Takahashi
Healthcare Nutrition, Showagakuin Junior College, Japan
- PS-2-14 Effect of Utilizing Human-centered Design Masticatory Movement Improvement Background Music for School Lunch Periods**
Naomi Sakuma¹, Masaki Kurokawa², Takao Hidenobu³, Katayama Ryosuke³, Naomi Aiba⁴
¹*Yokohama Municipal Sueyoshi Elementary School, Japan, ²Department of Information Media, Sound Content Media Laboratory, Kanagawa Institute of Technology Graduate School, Japan, ³Department of Robots and Mechatronics, Kanagawa Institute of Technology Graduate School, Japan, ⁴Department of Nutrition and Life Science, Kanagawa Institute of Technology Graduate School, Japan*
- PS-2-16 Evaluation of Purine Content and Renal Acid Load in Healthy and Low-Carbohydrate Diets**
Minori Sato, Yuka Kawakami, Hidekazu Arai
Laboratory of Clinical Nutrition and Management, Graduate Division of Nutritional and Environmental Sciences, and Graduate School of Integrated Pharmaceutical and Nutritional Sciences, The University of Shizuoka, Japan

Programs

- PS-2-17 Does the Quality of Food Differ when Eating with Others Verse Eating Together Virtually?**
Misaki Kaiwa^{1,2,3}, Naohiko Kinoshita⁴, Hiromi Inaba^{3,5}
¹Graduate School of Health and Welfare, Niigata University of Health and Welfare, Japan, ²Department of Nutrition and Health, Sagami Womens University, Japan, ³Center for Nutrition Sciences, Niigata University of Health and Welfare, Japan, ⁴Department of Health Informatics, Niigata University of Health and Welfare, Japan, ⁵Department of Nutrition and Health, Niigata University of Health and Welfare, Japan
- PS-2-19 Relationship of Bone Mass to Physique and Lifestyle in Male University Students**
Miki Otsu-Matsuzaki¹, Akiko Koike², Hiroko Hattori³, Yuko Iimura¹, Katsuhiko Sumiyoshi¹, Shinji Saito¹
¹Department of Health and Nutrition, Tokiwa University, Japan, ²Department of Nutrition, Tokai Gakuen University, Japan, ³Department of Health and Nutritional Science, Aichi Gakuin University, Japan
- PS-2-20 Dietary Education for Elementary School Students Had the Effect of Reducing the Amount of Leftover School Lunch**
Satomi Maruyama, Yoko Mizuno
College of Human Life and Environment, Kinjo Gakuin University, Japan
- PS-2-21 Satisfaction Survey of School Lunches for Children in a Situation That New Corona Infection Measures are Taken**
Sachiko Kato^{1,2}
¹Nutrition, Toyohama Elementary School, Japan, ²Nutrition, Minamichitacho School Lunch Center, Japan

13:30-14:30 Poster Session: Nutrition Education and Nutrition Through Life Course

- PS-3-1 Effect of Nutrition Education for Home Care Workers**
Yoko Takeuchi
Home Visiting Service, Setagaya Social Welfare Corporation, Japan
- PS-3-2 Current Status and Issues of Lifestyle-related Disease Prevention Education in Schools**
Yasuyo Ebihara¹, Akiko Okada¹, Tomoko Watanabe²
¹Nutrition, Chiba Prefectural University of Health Sciences, Japan, ²Nutrition, Tokyo Shokuryo Dietitian Academy, Japan
- PS-3-3 Lifestyle and Chronic Constipation in University Students**
Tomomi Yasuda
Department of Food Sciences and Human Nutrition, Ryukoku University, Japan
- PS-3-4 An Examination of Factors Related to Food-Related Concerns of Parents with Post-Weaning Infants**
Saki Horie¹, Midori Ishikawa², Tetsuji Yokoyama²
¹Research Course, National Institute of Public Health, Japan, ²Department of Health Promotion, National Institute of Public Health, Japan
- PS-3-6 Recognition of a “Healthy Diet” among Young Women**
Reiko Aramaki
Faculty of Nutrition, University of Kochi, Japan
- PS-3-7 Actual Situation of Meal Provision for End-of-life Care in Group Home Care for Dementia Patients**
Yoko Hosoyamada
Department of Nutrition and Dietetics, College of Nutrition, Kanto Gakuin University, Japan
- PS-3-8 The Relationships between the Practices of Eating and Preparing Breakfast Categorized by Ways of Living among University Students**
Misa Shimpo¹, Takashi Katoh¹, Tomoya Nakayama²
¹Faculty of Health and Human Development, Department of Food and Health Sciences, The University of Nagano, Japan, ²Faculty of Health and Human Development, Department of Child Development and Education, The University of Nagano, Japan
- PS-3-9 Examination of Model Meal Plan and Portion Control Teaching Materials for Hyperuricemia**
Yuki Sakakura, Kazue Onuki
Food Science, Ibaraki Christian University, Japan

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- PS-3-10 Multidisciplinary Collaboration in Teaching Obese Children to Improve Their Health**
Hiroyo Kitade
School Lunch Kitchen, Nanao City Nakajima Elementary School, Japan
- PS-3-11 Relationship between Chewing Ability and Nutritional Status in Japanese Older Adults: A Cross-Sectional Study**
Keiko Motokawa¹, Yurie Mikami¹, Maki Shirobe², Ayako Edahiro¹, Yuki Ohara¹, Masanori Iwasaki¹, Yutaka Watanabe³, Hisashi Kawai⁴, Takeshi Kera⁵, Shuichi Obuchi⁴, Hunkyung Kim¹, Yoshinori Fujiwara⁶, Kazushige Ihara⁷, Hirohiko Hirano¹
¹Research Team for Promoting Independence and Mental Health, Tokyo Metropolitan Institute of Gerontology, Japan, ²The Tokyo Metropolitan Support Center for Preventative Long-term and Frail Elderly Care, Tokyo Metropolitan Institute of Gerontology, Japan, ³Oral Health Science, Hokkaido University, Japan, ⁴Human Care, Tokyo Metropolitan Institute of Gerontology, Japan, ⁵Physiotherapy, Takasaki University of Health and Welfare, Japan, ⁶Research Team for Social Participation and Community Health, Tokyo Metropolitan Institute of Gerontology, Japan, ⁷Social Medicine, Hirosaki University, Japan
- PS-3-12 Effects of a Light Diet on High School Track and Field Athletes**
Naoki Takayanagi
Department of Nutrition, Tokaigakuen University, Japan
- PS-3-13 Disaster Prevention Education by Nutrition Teacher Utilizing the Knowledge of JDA-DAT**
Miho Goto
Gifu City Honjo Junior High School, Japan
- PS-3-14 The Effect of Continuous Undernutrition Prevention Education by Registered Dietitians to Support Self-care in Community-dwelling Older Adults**
Kumiko Yoneyama^{1,2}, Akiko Kojo², Kazuhiro Nishimura³, Toshiro Konishi²
¹Function-enhanced Certified Nutrition Care Station eatcoco, Japan, ²Department of Healthcare, Division of Medical Nutrition, Tokyo Healthcare University Postgraduate School, Faculty of Healthcare, Japan, ³Department of Health and Nutrition Sciences, Komazawa Women's University, Faculty of Human Health, Japan
- PS-3-15 Associations between Eating Behaviour Characteristics and Dietary Intake in Japanese Junior High School Students**
Airi Sekine^{1,2}, Fumiko Okazaki², Hiroki Sugiyama², Kae Saeki³, Emiko Terauchi³, Reiko Suzuki²
¹Department of Food and Nutrition, Faculty of Human Sciences and Design, Japan Women's University, Japan, ²Department of Food Science and Human Nutrition, Faculty of Agriculture, Ryukoku University, Japan, ³Graduate School of Human Sciences and Design, Division of Food and Nutrition, Japan Women's University, Japan
- PS-3-16 Correlation between Frailty and Frailty Risk Indicators in Institutionalized Elderly**
Miki Doi¹, Rikako Inoue², Hiroko Kamitani³, Yoshiharu Kinugasa³, Yasmin A. Syauki¹, Suzumi Kageyama¹, Haruka Sakae¹, Hiroe Ohara⁴, Kazunori Takemoto⁴, Kaori Harano⁵, Kazuhiro Yamamoto³, Yasuyuki Irie²
¹Graduate School of Health and Welfare Science, Okayama Prefectural University, Japan, ²Department of Nutritional Science, Faculty of Health and Welfare Science, Okayama Prefectural University, Japan, ³Division of Cardiovascular Medicine, Endocrinology and Metabolism, Faculty of Medicine, Tottori University, Japan, ⁴Silver Center Kouraku, Social Welfare Service Corporation Koufuuikai, Japan, ⁵Department of Contemporary Welfare Science, Faculty of Health and Welfare Science, Okayama Prefectural University, Japan
- PS-3-17 Workplace Nutrition Improvement Program through Food Service in Myanmar: A Survey of Food Service Contents**
Chinatsu Moriwaki¹, Yukiko Nakanishi², Fumiyo Suzuki³, Yasuhiko Toride^{4,2}
¹Department of Food and Nutrition, Nakamura Gakuen University Junior College, Japan, ²Center for Health Promotion, International Life Sciences Institute Japan, Japan, ³World Industry Co.,LTD., Japan, ⁴Institute for International Strategy, Tokyo International University, Japan
- PS-3-18 Effect of Different Dishwashing Methods on the Pollutant Load of Kitchen Wastewater— Study of “Normal Washing-up” and “Wiping” for a Meal from Cooking Textbooks—**
Yoko Miyazawa¹, Naoko Yamada², Ami Yanase³, Isuzu Egami¹, Mitsuru Tsuchida⁴
¹Department of Nutrition, Tokaigakuen University Faculty of Health and Nutrition, Japan, ²Department of Health and Nutrition, Nagoya Bunri University Faculty of Health and Human Life, Japan, ³Sewerage Dept. General Management Div., Aichi Water and Greenery Public Corp, Japan, ⁴The Graduate School of Human Sciences, Aichi Mizuho College, Japan

Programs

- PS-3-19 Maternal Factors Influencing Allergies in Children**
Naoko Yamada¹, Noriko Goto², Yoko Miyazawa³, Mitsuru Tsuchida⁴
¹Faculty of Health and Human Life Department of Health and Nutrition, Nagoya Bunri University, Japan, ²Modern Early Childhood Education, Aichi Mizuho Junior College, Japan, ³Faculty of Health and Nutrition Department of Nutrition, Tokaigakuen University, Japan, ⁴The Graduate School of Human Sciences, Aichi Mizuho College, Japan
- PS-3-20 Relationship of Snack Intake with Nutrient Intake and Lifestyle Habits among Children Aged 3–5 Years**
Yui Kojima¹, Yui Ichimura², Kaho Sanada², Nobuko Murayama¹, Chika Horikawa¹, Tomomi Tsuji¹, Kiyoshi Ito¹, Azumi Yamagishi¹, Asako Tamura¹
¹Faculty of Human Life Studies, University of Niigata Prefecture, Japan, ²Faculty of Human Life Studies, Ex-University of Niigata Prefecture, Japan
- PS-3-21 Nutrition-Balanced Snack Increased Energy and Nutrient Intakes and Improved Nutritional Status in Community-dwelling Older Adults at Nutrition Risk, Chiang Mai, Thailand**
Yupa Chanwikrai¹, Jukkrit Wangrath², Sunard Techangam³, Chanida Pachotikarn³, Shigeru Yamamoto⁴
¹Graduate School of Human Life Sciences, Jumonji University, Japan, ²Faculty of Public Health, Chiang Mai University, Thailand, ³Thai Dietetic Association, Thailand, ⁴Asian Nutrition and Food Culture Research Center, Jumonji University, Japan
- PS-3-22 The Relationship between Container Vegetable Gardening and Vegetable Consumption in Japanese Older Adults with Lifestyle-related Diseases Living in Urban Area**
Yuki Hamamoto^{1,2}, Toshio Izuoka², Yoshiyuki Hamamoto^{2,3}, Daiki Habu¹
¹Graduate School of Human Life Science, Food and Human Health Sciences Lecture, Osaka City University, Japan, ²Izuoka Clinic, Japan, ³Diabete Center, Kansai Electric Power Hospital, Japan
- PS-3-23 An Evaluation of a Dietary Education Program to Reduce Skipping Breakfast among Junior High School Students in Urban Areas of Japan**
Tomoe Fukumura¹, Tomoko Fukamoto², Taro Nishi¹, Naomi Hayami¹, Katsushi Yoshita¹
¹Department of Food and Human Health Science, Osaka City University Graduate School of Human Life Science, Japan, ²Health and Welfare Department, Osaka City Sumiyoshi Ward Office, Japan
- PS-3-24 Comparison of Basal Metabolic Rates Estimated from Different Equations in High School Baseball Players**
Yuha Tomari¹, Masaharu Kagawa²
¹Department of Health and Sport Science, Graduate School of Health and Sport Science, Juntendo University, Japan, ²Institute of Nutrition Sciences, Kagawa Nutrition University, Japan
- PS-3-25 Characteristics of People Who Overestimate the Recommended Daily Salt Intake Among Japanese Workers**
Rie Akamatsu
Faculty of Core Research, Natural Science Division, Ochanomizu University, Japan

14:30-15:30 Poster Session: Nutrition Education and Nutrition Through Life Course

- PS-4-1 Effectiveness of the "Let's Become the Master of Chopsticks ! " Program for First Graders**
Azusa Murata, Yukiko Yoshioka, Yuka Shiobara
Department of Nutritional Sciences, Sagami Women's University, Japan
- PS-4-2 Characteristics of the Body Composition and Blood Properties of Male University Athletes with Visceral Fat Obesity**
Tomomi Hasegawa Tanaka¹, Yuka Kurosaka², Shuichi Machida³
¹Management & Information of Health and Sports Sciences, Josai International University, Japan, ²Faculty of Health and Sports Science, Juntendo University, Japan, ³Graduate School of Health and Sports Science, Juntendo University, Japan
- PS-4-3 Attachment to the Local Community and Related Factors from the Viewpoint of Food among Elementary and Junior High School Students in Japan**
Kazunari Toyama, Adachi Namiko
Nutritional Sciences, Graduate School, Nagoya University of Arts and Sciences, Japan

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- PS-4-4 Association of Normal Weight Obesity on Physical Function in Young Japanese Women**
Isaki Hanamura¹, Eriko Yoshida², Takuya Nagamine², Takurou Tobina¹, Nobuko Sera¹
¹Department of Nutrition and Science, Faculty of Nursing and Nutrition, University of Nagasaki, Japan, ²Department of Nursing Science, Faculty of Nursing and Nutrition, University of Nagasaki, Japan
- PS-4-5 Asian-specific Snp Influences Dietary Behaviors in Japanese Youth**
Maki Igarashi¹, Tomomi Nagahata², Yuko Mekata³, Yuki Kokubo⁴, Naoki Takayanagi³,
Noriko Suzuki-Kemuriyama⁵, Hlsanori Kato¹
¹Applied Biological Chemistry, The University of Tokyo, Japan, ²Nutrition, Tokaigakuen University, Japan,
³Faculty of Health and Nutrition, Bunkyo University, Japan, ⁴Health and Nutritional Sciences, Aichi Shukutoku
University, Japan, ⁵Nutritional Science and Food Safety, Tokyo University of Agriculture, Japan
- PS-4-6 Low Physical Activity May Lead to Overweight and Obesity Rather Than High Energy Intake
in Vietnamese Children**
Phuong Mai Nguyen, Giang Huong Nguyen, Diep Van Nguyen, Shigeru Yamamoto
International Nutrition, Jumonji University, Japan
- PS-4-7 Education Program about the Nutrition in Terms of Low Sodium**
Fumie Wachi^{1,2}, Sanae Takahara²
¹Hiyoshi-minami Elementary School, Yokohama, Japan, ²Kohoku Ward Nutrition Teacher / School Nutrition
Staff Study Group, Yokohama, Japan
- PS-4-8 Association Between Mothers' Provision of Vegetable Dishes and Homemade Meal
Strategies Under Time Constraints in Japan**
Emi Yoshii¹, Rie Akamatsu²
¹Graduate School of Humanities and Sciences, Ochanomizu University, Japan, ²Faculty of Core Research,
Natural Science Division, Ochanomizu University, Japan
- PS-4-9 Comparison of Nutrient Intake Between University Students Who Eat Small Bowl of
Vegetable Dish or Not at University Cafeteria**
Makiko Nakade^{1,2}, Suzuka Iwamoto¹, Ryota Fukui¹, Natsuki Hori¹, Kana Matsui¹
¹Department of Food Science and Nutrition, University of Hyogo, Japan, ²Research Institute for Food and
Nutritional Sciences, Japan
- PS-4-10 Effectiveness of Sports Nutrition Education Based on Self-determination Theory
—For University Rowing Athletes—**
Naoko Enatsu^{1,2}, Jun Seino³
¹Health Guidance, Meiji Yasuda Health Development Foundation, Japan, ²Master's Program in Sports Wellness
Studies, University of Tsukuba, Japan, ³Faculty of Health and Sport Sciences R&D Center for Smart Wellness
City Policies, University of Tsukuba, Japan
- PS-4-11 Impact of the COVID-19 Pandemic on the Dietary Habits of Middle-Aged and Elderly Women
in Japan**
Asumi Wano¹, Masaki Taga¹, Yuiko Tsuruno¹, Naoko Inamura¹, Reiko Takanashi², Takehiko Kaneko¹
¹Graduate School of Human Ecology, Wayo Women's University, Japan, ²Alumni Association, Wayo Women's
University, Japan
- PS-4-12 Blood Hemoglobin Levels and Related Factors in Japanese Children**
Mihoshi Yokoo¹, Hiroko Miyaki¹, Manami Misu¹, Momo Hosokawa¹, Erika Ota²
¹Research Team, General Incorporated Association Luvtelli, Japan, ²Global Health Nursing, Graduate School
of Nursing Science, St. Luke's International University, Japan
- PS-4-13 Differences in Dietary Diversity of Meals between School Days and Non-Schooldays among
Junior High School Students**
Koji Saito^{1,2}, Saki Ito¹, Kiichiro Tanaka¹, Hyuga Mori¹, Hinako Yamada¹, Toshiko Saito¹
¹Department of Health and Nutrition, Niigata University of Health and Welfare, Japan, ²Kousei School Lunch
Center, Kousei Junior High School, Japan

Programs

- PS-4-14 Second Trimester Fasting Insulin Level as an Important Predictor of Low Birth Weight Infants**
Yoko Yachi^{1,2}, Yasuhiro Tanaka³, Takaho Yamada², Iijima Haruka⁴, Kaoru Ikiuo¹, Ichiro Tastuno¹, Hirohito Sone²
¹Department of Nutrition, Faculty of Health Care Science, Chiba Prefectural University of Health Sciences, Japan, ²Department of Laboratory Medicine and Clinical Epidemiology for Prevention of Noncommunicable Diseases, Niigata University Faculty of Medicine, Japan, ³Department of Obstetrics and Gynecology, Japan Maternity Fitness Association, Japan, ⁴Department of Clinical Nutrition, Chiba University Hospital, Japan
- PS-4-15 The Program of Education and Practice of Diet in Relation to the International Exchange Activities with a Primary School in Beijing Brought by Nutritional Teacher**
Sanae Takahara
School Lunch, Kozukue Elementary School, Japan
- PS-4-16 Nutrition Improvement of Adolescent Girls in Bangladesh**
Tamiko Tsutsui (Ishiyama)
Asia Arsenic Network, Japan
- PS-4-17 Intervention Study of Energy Intake at Breakfast and Physical Activity in Undergraduate Students Yields the Ideal Breakfast Size**
Sae Sasabe, Yuna Abe, Rina Abe, Miho Izumida, Wakana Imazeki, Madoka Iwano, Hinako Uchida
Faculty of Nursing and Nutrition, Shukutoku University, Japan
- PS-4-18 Subjective Health Status Related to the Frequency of Consuming Meals Combining Grain Dishes, Fish/Meat Dishes, and Vegetable Dishes in University Students Living Alone in Japan**
Yuna Watanabe, Sachie Ishizawa, Kazue Suzuki, Toshiko Saito
Department of Health and Nutrition, Niigata University of Health and Welfare, Japan
- PS-4-19 Does Seaweed Intake Improve Nutrition Imbalance in Young Women? Confirmation of Magnesium Absorption from AKAMOKU (Sargassum Horneri) by an Intervention Study**
Kokoro Kusazawa¹, Misaki Otsuka¹, Tairi Miyake¹, Shigeru Murakami², Mari Mori¹
¹Department of Health Management, Undergraduate School of Health Studies, Tokai University, Japan, ²Department of Bioscience and Biotechnology, Fukui Prefectural University, Japan
- PS-4-20 Evaluation of Pre- and Post-Nutrition Education Using a Two-Dimensional Image Mapping Method**
Michiko Zempo¹, Satoko Okabe¹, Nao Endo², Yuki Otsuki², Aya Goto³
¹Food and Nutrition, Koriyama Women's University, Japan, ²Health Environment Division, Kagamiishi Town Hall, Japan, ³Center for Integrated Science and Humanities, Fukushima Medical University, Japan
- PS-4-21 Relationship between Milk Intake Behavior and Health Literacy During Growth Period-Current Situation and Issues in Japan and Korea-**
Mie Imanaka¹, Miok Kim², Chie Kuwajima³, Hiroko Sakamoto⁴, Shiori Fukuda¹, Hiroshi Tatano¹, Jiro Takeuchi⁵
¹Health and Nutrition, University of Shimane, Japan, ²Food and Nutrition, Daegu Health College, Korea, ³Health and Nutrition, Kyoto Koka University, Japan, ⁴Food and Nutrition, Kyoto Kacho University, Japan, ⁵Clinical Epidemiology, Hyogo College of Medicine, Japan
- PS-4-22 Effects of Eating Environment on Masticatory Behavior**
Sayaka Yamamoto¹, Hanae Akiyama¹, Riku Hanada², Takayo Kawakami³, Toshiko Yamamoto³, Masaki Hokari⁴, Yutaka Ishii⁵
¹Department of Nutritional Science, Graduate School of Health and Welfare Science, Okayama Prefectural University, Japan, ²Department of Human Information Systems Engineering, Graduate School of Computer Science and Systems Engineering, Okayama Prefectural University, Japan, ³Department of Nutritional Science, Okayama Prefectural University, Japan, ⁴Department of Human Information Engineering, Okayama Prefectural University, Japan, ⁵Department of Systems Engineering, Okayama Prefectural University, Japan
- PS-4-23 Children's Body Composition and Parental Healthy Eating Literacy during the COVID-19 Pandemic**
Satomi Minato-Inokawa^{1,2}, Mihoshi Yokoo¹, Hiroko Miyaki¹, Momo Hosokawa¹
¹Research, General Incorporated Association Luvtelli, Japan, ²Community Health and Nutrition, Ehime University, Japan

Programs

- PS-4-24 Current Status of Nutrition Teachers and School Nutrition Staff in Chiba Prefecture: Cooperation Survey within Schools**
Akiko Okada¹, Yasuyo Ebihara¹, Tomoko Watanabe²
¹Department of Nutrition, Faculty of Healthcare Sciences, Chiba Prefectural University of Health Sciences, Japan, ²Department of National Registered Dietitian, Tokyo Shokuryo Dietitian Academy, Japan
- PS-4-25 Effects of a Shokuiku Program to Reduce Leftover Food from School Lunches**
Kiyo Nakagiri¹, Airi Itano², Takayo Kawakami²
¹ Department of Nutritional Science, Graduate School of Health and Welfare Science, Okayama Prefectural University, Japan, ² Department of Nutritional Science, Okayama Prefectural University, Japan

15:30-16:30 Poster Session: Nutrition Education and Nutrition Through Life Course

- PS-5-1 A Key To Japanese People's Longevity**
Masumi Marie Akisawa
Beauty Needs Ltd., Japan
- PS-5-2 The Relationship between Recognizing the Importance of Nutrition Teachers' Duties and the Implementation of their Duties**
Tomoko Kimura¹, Mituru Tutida²
¹Faculty of Wellness, Shigakkan University, Japan, ²The Graduate Center of Human Sciences, Aichi Mizuho College, Japan
- PS-5-3 Investigating the Validity of AI-based Dietary Recording Method**
Akiko Sunto¹, Miki Nakanishi¹, Ayaka Iida¹, Kiyoharu Aizawa², Shihoko Suzuki¹
¹The School of Nutrition & Dietetics, Kanagawa University of Human Services, Japan, ²Graduate School of Information Science and Technology, The University of Tokyo, Japan
- PS-5-4 Results of Continuous Dietary Education over Three Years of Elementary School in Collaboration between Nutrition Teacher and Homeroom Teachers**
Keisuke Oba
Yokohama City Makado Elementary School, Japan
- PS-5-6 The Urinary Excretion of Magnesium As an Effective Indicator to Assess Magnesium Deficiency State**
Hinata Okamoto, Yuka Kawakami, Hidekazu Arai
Laboratory of Clinical Nutrition and Management, Graduate Division of Nutritional and Environmental Sciences, and Graduate School of Integrated Pharmaceutical and Nutritional Sciences, The University of Shizuoka, Japan
- PS-5-7 Relationship between Female Senior High School Baseball Members' Somatotype Recognition and Food Awareness**
Masaki Okada, Natsuko Sogabe, Takako Kozawa
Department of Health and Nutrition Sciences, Faculty of Human Health, Komazawa Women's University, Japan
- PS-5-8 Factors Affecting Dietary Diversity among Women of Reproductive Age in the Provinces of Samar, Northern Samar and Zamboanga del Norte: A Cross-Sectional Study**
Cherry M. Maramag¹, Mary Christine C. Castro¹, Mae Anne P. Loresco¹, Maria Evelyn Carpio², Pete John Biscarra², Alice Nkoroi²
¹Research and Program Unit, Nutrition Center of the Philippines, Philippines, ²Health and Nutrition Division, UNICEF Philippines, Philippines
- PS-5-9 The Self-Appearance with the Image-Based SNS May Increase the Risk of Eating Disorder in Japanese Female University Students of the Registered Dietitian Course**
Saeko Imai, Ayano Fujii, Kaoru Kitta, Takashi Miyawaki
Food and Nutrition, Kyoto Women's University, Japan
- PS-5-10 Effects of Body Composition, Eating Habits, and Childhood Physical Characteristics on Blood Glucose Fluctuations in Young Japanese Women**
Aiko Honda^{1,2}, Hanako Kamata¹, Kaho Nishikawa¹, Tamaki Wada¹, Yuka Yoneda¹, Tatsushi Komatsu¹
¹Department of Food Science and Nutrition, Doshisha Women's College of Liberal Arts, Japan, ²Unit of Dietetics, Honda Clinic, Japan

Programs

- PS-5-11 Comparison of Sleep Quality and Eating Habits between College Female Athletes and Non-athletes**
Fumi Hoshino¹, Hiromi Inaba^{1,2}, Mutsuaki Edama^{2,3}, Go Omori^{2,4}
¹Department of Health and Nutrition, Niigata University of Health and Welfare, Japan, ²Athlete Support Research Center, Niigata University of Health and Welfare, Japan, ³Institute for Human Movement and Medical Sciences, Niigata University of Health and Welfare, Japan, ⁴Department of Health and Sports, Niigata University of Health and Welfare, Japan
- PS-5-12 Changes to the Status of the Dietary Education Efforts of Nutrition Teachers and Schoolteachers Before and After the Dietary Education Promotion Project in Elementary and Junior High Schools**
Maiko Iwabe¹, Masae Yamagiwa², Izumi Oogusa³, Mao Yamamoto⁴, Masaki Chiba¹
¹Faculty of Health Sciences, Department of Nutrition, Sapporo University of Health Sciences, Japan, ²Bureau of School Education, School Health and Athletics Division, Hokkaido Office of Education, Japan, ³Obihiro Oozora Junior High School, Japan, ⁴Obihiro Sakae Elementary School, Japan
- PS-5-13 Factual Investigation on the Eating-related Problems in All Kindergartens of Shirayuri Gakuen**
Shiori Sugawara¹, Kumiko Dobashi², Yayoi Shikimachi³, Yumiko Yamamoto⁴, Yuchie Hoshina⁵, Kikuko Nito⁶
¹Department of Health and Nutrition, Sendai Shirayuri Womens College, Japan, ²Department of Child Care and Primary Education, Shirayuri University, Japan, ³Shonan Shirayuri Gakuen Kindergarten, Shirayuri Gakuen Kindergarten, Japan, ⁴Yatsushiro Shirayuri Gakuen Kindergarten, Shirayuri Gakuen Kindergarten, Japan, ⁵Agricultural and Environmental Sciences, Miyagi University, Japan, ⁶Department of Human Developmental Science, Sendai Shirayuri Womens College, Japan
- PS-5-14 Thinking about the Future of Rice with Students**
Mayumi Uekusa
Yatsu Elementary School, Japan
- PS-5-15 Attempt at Surface area Measurement of a “3·1·2 Meal Box Magic method” -Using Electronic Devices-**
Junko Ishida¹, Natsuhi Hirata¹, Yuriko Abe², Ai Asano², Teppei Matsuoka²
¹Department of Food and Nutritional Environment, College of Human Life and Environment, Kinjo Gakuin University, Japan, ²Sunshine M and D Clinic, Taiseikai Medical Corporation, Japan
- PS-5-16 Estimation of Daily Energy Consumption by Athletes with Cervical Cord / Spinal Cord Injury Based on an Approximate Formula Obtained from the Amount of Activity (VM) and Oxygen Consumption (VO₂) while Moving in a Wheelchair**
Kimiko Ogawa^{1,2}, Tomoyuki Ito³, Yoshihiro Kanata⁴, Takuya Yoshida⁵, Ryo Ito⁵, Tatsushi Komatsu¹
¹Graduate School of Human Life and Science, Doshisha Women's College of Liberal Arts, Japan, ²Department of Clinical Nutrition, Kyoto Tanabe Chuo Hospital, Japan, ³Department of Rehabilitation, University Hospital, Kyoto Prefectural University of Medicine, Japan, ⁴Hyogo College of Medicine Rehabilitation Center, College Hospital Sasayama, Japan, ⁵Department of Rehabilitation, Kyoto Tanabe Kinen Hospital, Japan
- PS-5-17 Evaluation of Nutrition Education Media by Adults in Cambodia and Japan – Examining the Potential of Online Nutrition Education Across Borders –**
Kaori Akiyama¹, Hiroko Oji², Koung Ry Ly³, Yukino Sasaki¹, Saiko Shikanai¹
¹Nutrition, Aomori University of Health and Welfare, Japan, ²NPO, Num Popok, Colombia, ³NGO, Asian Nutrition and Food Research Center, Cambodia
- PS-5-18 The Relationship between Health Literacy and Sugar Intake in the United States of America and Japan**
Hina Tomita¹, Kazuo Tsutsui², Shiori Fukuda-Tatano¹, Hiroshi Tatano¹, Mie Imanaka¹
¹Department of Health and Nutrition, Faculty of Nursing and Nutrition, The University of Shimane, Japan, ²Contributor, US, USA
- PS-5-19 A Study on a Nutrition Education of Vegetable Intake to children in A Free School, Phnom Penh, Cambodia**
Risako Okuyama^{1,3}, Hiroko Oji², Saiko Shikanai³
¹Sports and Health, Aomori Prefectural Board of Education, Japan, ²NPO, Num Popok, Cambodia, ³Nutrition, Aomori University of Health and Welfare, Japan

Programs

- PS-5-20 Fostering Children to Eat Vegetables Voluntarily**
Mutsumi M. Kondo
Nutrition, Toyoyama Junior High School, Japan
- PS-5-22 Relationship between Dietary Self-efficacy and Dietary Habits in Female College Students**
Kae Inagaki
Department of Nutrition Science, University of Nagasaki, Japan
- PS-5-23 Relationship between the Oral Function and Nutritional Factors in Community-dwelling Older Adults**
Chiharu Uno, Kiwako Okada, Eiji Matsushita
School of Nutritional Sciences, Nagoya University of Arts and Sciences, Japan
- PS-5-24 A Study on Changes in Eating Behaviors of Young People During the Self-restraint by COVID-19 Pandemic**
Kaori Mizumoto¹, Ayano Zushi², Izumi Yanagida³
¹*Food Management, Nakamura Gakuen University, Japan*, ²*Fukuoka Branch, Link Academy Inc., Japan*,
³*Fukuoka Branch, Peace-Biz Inc., Japan*

Programs

August 20 (Sat)

Exhibition Hall D

10:00-11:00 Poster Session: Clinical Nutrition

- PS-6-2 Dietary Changes Induced by Dietitian Intervention in Patients with Type 2 Diabetes: A Randomized Controlled Trial**
Nao Kawabata¹, Kenta Okada², Akihiko Ando², Tomoyuki Kurashina², Manabu Takahashi², Tetsuji Wakabayashi², Daisuke Nagata³, Eiji Kusano³, Satsuki Mogi¹, Toshiko Sato¹, Shizukiyo Ishikawa⁴, Shun Ishibashi^{1,2}
¹Department of Clinical Nutrition, Jichi Medical University Hospital, Japan, ²Division of Endocrinology and Metabolism, Department of Internal Medicine, Jichi Medical University, Japan, ³Division of Nephrology, Department of Internal Medicine, Jichi Medical University, Japan, ⁴Medical Education Center, Jichi Medical University, Japan
- PS-6-3 How Much Carb Counting Is Done By Children Who Participated in the Pediatric Type 1 Diabetes Summer Camp**
Hiroyuki Horio, Hikari Miyahara, Kanna Nakai, Manami Mitsushima, Ikuho Suzuki, Nazuna Konishi, Sayaka Yamakoshi
School of Health and Nutrition Department of Nutrition, Tokai Gakuen University, Japan
- PS-6-4 Effect of Whey Protein Intake after Resistance Exercise on Skeletal Muscle Mass, Strength, and Quality of Life in Older Adults with Sarcopenia: A Randomized Controlled Trial**
Hiroyasu Mori¹, Yasunobu Tokuda^{2,3}
¹Institute of Advanced Medical Sciences, Tokushima University, Japan, ²Health Science, Hyogo Locomotion-senior-tera-koya, Japan, ³Health Science, Hyogo University, Japan
- PS-6-5 The Analysis of Mortality Age between Smoker and Non-smoker Male from Diabetes Mellitus and the Importance for the Smoking Cessation with Nutrition Counseling**
Chikako Hibino, Kazue Sugawara, Rumi Takahashi, Kayoko Abe, Hiroshi Tamura
Internal Medicine, Hiroshi Tamura's Hill-top Clinic, Japan
- PS-6-6 Examination of the Effect of Age Difference of Japanese Women on Arteriosclerosis Risk**
Chisato Hirai^{1,2}, Keiko Kamachi², Akira Tanaka², Yasuo Kagawa²
¹Department of Food and Nutrition, Odawara Junior College, Japan, ²Kagawa Education Institute of Nutrition, Kagawa Nutrition University, Japan
- PS-6-7 Involvement of Body Adiposity in 5- and 10-Year Survival of Patients on Maintenance Hemodialysis**
Toshie Osato
Dietitian Nutrition, Date-clinic, Japan
- PS-6-8 Effect of Dietary Therapy on Patients with Asymptomatic Hyperuricemia**
Yuka Kawakami, Hidekazu Arai
Laboratory of Clinical Nutrition and Management, Graduate Division of Nutritional and Environmental Sciences, and Graduate School of Integrated Pharmaceutical and Nutritional Sciences, The University of Shizuoka, Japan
- PS-6-9 Longitudinal Relationship of Dietary Diversity with Incidence and Mortality of Ischemic Heart Disease – A Global Ecological Study**
Keiko Miyamoto^{1,2}, Ayako Sezaki^{3,4}, Tomoko Imai^{1,5}, Fumiya Kawase^{3,6}, Yoshiro Shirai^{1,7}, Chisato Abe^{1,8}, Masayo Sanada^{3,9}, Ayaka Inden^{3,10}, Takumi Kato^{1,11}, Norie Sugihara¹², Hiroshi Shimokata^{1,3}
¹Institute of Health and Nutrition, Nagoya University of Arts and Sciences, Japan, ²Department of Nursing, Nagoya University of Arts and Sciences, Japan, ³Graduate School of Nutritional Science, Nagoya University of Arts and Sciences, Japan, ⁴Department of Food Sciences and Human Nutrition, Ryukoku University, Japan, ⁵Department of Food Science and Nutrition, Doshisha Womens College of Liberal Arts, Japan, ⁶Department of Nutrition, Asume Hospital Aichi Prefectural Welfare Federation of Agricultural Cooperatives, Japan, ⁷Department of Food and Nutritional Environment, Kinjo Gakuin University, Japan, ⁸Department of Food and Nutrition, Tsu City College, Japan, ⁹Department of Nursing, Heisei College of Health Sciences, Japan, ¹⁰Clinical Nutrition Unit, Hamamatsu University Hospital Clinical Nutrition Unit, Japan, ¹¹Nutrition Division, Japanese Red Cross Aichi Medical Center Nagoya Daini Hospital, Japan, ¹²Faculty of Core Research, Ochanomizu University, Japan

Programs

- PS-6-10 Association Between Zinc Intake and Chronic Obstructive Pulmonary Disease (COPD) - a 29-year International Comparative Study**
Toshie Honda, Hiroshi Shimokata
Graduate School of Nutritional Science, Nagoya University of Arts and Sciences, Japan
- PS-6-13 Medium-chain Triglycerides (8:0 and 10:0) are Promising Nutrients for Sarcopenia: A Randomized Controlled Trial**
Sakiko Abe
Department of Food and Nutrition, Faculty of Contemporary Human Life Science, Tezukayama University, Japan
- PS-6-14 Investigation of Dietary Problems from the Viewpoint of Dietary Guidance Records and the Physical Characteristics**
Yuka Awata, Maki Nishi, Shuhei Hashimoto, Momoko Chikugo, Shizue Yamada, Yoshiko Suzuki, Hiroshi Sakaue
Department of Nutrition, Tokushima University Hospital, Japan
- PS-6-16 Effect of Dietary Oligopeptide Iron on Liver Injury and Intestinal Flora in Rats with Iron Deficiency Anemia**
Wenfei Pan¹, He Gao², Mengying Wang³, Xiaoling Ying¹, Feiyan Wu¹, Jili Chen¹, Yang Min¹
¹Department of Nutrition and Food Hygiene School of Public Health, and Center of Clinical Big Data and Analytics of The Second Affiliated Hospital, Zhejiang University School of Medicine, China, ²Linping Campus, The Second Affiliated Hospital, Zhejiang University School of Medicine, China, ³Department of Big Data in Health Science, School of Public Health, Zhejiang University, China
- PS-6-18 Early Palliative Care Focus on Nutritional Status in Patients with Non-Small-Cell Lung Cancer: A Randomised Controlled Trial in Southwest China**
Mengting Chen¹, Huiqing Yu^{2,1}, Huijuan Yu³
¹Department of Nutrition, Chongqing University Cancer Hospital, China, ²Department of Palliative Care, Chongqing University Cancer Hospital, China, ³College of Arts, Chongqing University, China
- PS-6-19 Gut Microbiota Mediates the Protective Effects of Resveratrol against the Intestinal Barrier Dysfunction in Non-alcoholic Steatohepatitis Induced by High-Fat Diet**
Mengting Chen, Huiqing Yu
Department of Nutrition, Chongqing University Cancer Hospital, China
- PS-6-20 Efficacy of NST Intervention Using KTBC® in our Department of Neurology**
Sota Ishii¹, Akiko Sato¹, Yuko Muto¹, Masako Fujita¹, Mieko Watanabe¹, Miori Endo¹, Kyoko Suzuki¹, Tamami Koyama², Yoshinori Ishida³
¹Nutrition Management, Takeda General Hospital, Japan, ²Kutikara Taberu Shiawase wo Mamorukai, Japan, ³Neurology, Takeda General Hospital, Japan
- PS-6-23 Proportion of Patient at Nutritional Risk and the Practice of Nutrition Care by Registered Dietitians in the Acute Care Ward of General Hospitals**
Ikuko Gomi¹, Risa Fukuoka¹, Mari Saida², Takehiro Kudo², Machi Hoshiya³, Miho Sasaki⁴, Yuki Karaki⁵, Tomoko Shimizu⁶, Tomoko Miyaji⁷, Ishak Halim Octawijaya¹, Shihoko Suzuki¹, Teiji Nakamura¹
¹School of Nutrition and Dietetics, Kanagawa University of Human Services, Japan, ²Department of Clinical Nutrition and Food Management, Saiseikai Yokohamashi Tobu Hospital, Japan, ³Department of Nutrition and Dietetics, Yokohama Shin-midori General Hospital, Japan, ⁴Department of Nutrition and Dietetics, Yokohama Asahi Central General Hospital, Japan, ⁵Department of Nutrition and Diet, Kamishirane Medical Hospital, Japan, ⁶Department of Nutrition and Dietetics, St. Marianna Medical University Yokohama Seibu Hospital, Japan, ⁷Department of Nutrition, Minamiyamato Hospital, Japan
- PS-6-24 Effects of Multiple Nutrition Consultations on Diet Compliance, Body Weight and eGFR Progression in Outpatients with Stage 3, 4 and 5 Chronic Kidney Disease: A Retrospective Single-Center Cohort Study**
Yu-Lin Chen, Che-Lin Chiu, Mei-Fang Yang
Dietetics and Nutrition Department, Taipei Veterans General Hospital, Taiwan

Programs

PS-6-25 Food Group Intake and Central Obesity among Japanese Patients with Type 2 Diabetes Mellitus; JDDM

Mariko Hatta^{1,2}, Chika Horikawa^{3,1}, Yasunaga Takeda¹, Izumi Ikeda¹, Sakiko Yoshizawa^{4,1}, Noriko Kato⁵, Mitsutoshi Kato⁵, Hiroki Yokoyama⁶, Yoshio Kurihara⁷, Hiroshi Maegawa⁸, Kazuya Fujihara¹, Hirohito Sone¹

¹Department of Hematology, Endocrinology and Metabolism, Niigata University Faculty of Medicine, Japan,

²Department of Nutrition, Saiseikai Niigata Hospital, Japan, ³Department of Health and Nutrition, University of Niigata Prefecture Faculty of Human Life Studies, Japan, ⁴Department of Human Life Science, Tokushima Bunri University, Japan, ⁵Department of Internal Medicine, Kato Clinic of Internal Medicine, Japan, ⁶Department of Internal Medicine, Jiyugaoka Medical Clinic, Japan, ⁷Department of Internal Medicine, Kurihara Clinic, Japan, ⁸Department of Medicine, Shiga University of Medical Science, Japan

11:00-12:00 Poster Session: Clinical Nutrition

PS-7-1 Texture-Modified Diets Need to Be Improved in Vietnamese Hospitals

Thao Phuong Tran¹, Linh Thuy Nguyen², Keiko Hirose¹, Shigeru Yamamoto¹

¹Asian Nutrition and Food Culture Research Center, Jumonji University, Japan, ²Nutrition Department, Hanoi Medical University and Hanoi Medical University Hospital, Viet Nam

PS-7-2 Decreasing Salt in Hospital Meals Reduced Energy Intake in Elderly Japanese Inpatients

Keiko Hirose, Thao Phuong Tran, Shigeru Yamamoto

Asian Nutrition and Food Culture Research Center, Jumonji University, Japan

PS-7-3 Variation of Urine Collection Timing on Estimation of Dietary Salt Intake in Spot Urine Samples

Yuta Sumikama¹, Hiroshige Aoyama², Norifumi Isu³, Masaaki Nagata², Takayoshi Tsukahara¹

¹Nutritional Sciences, Graduate School of Nutritional Sciences, Nagoya University of Arts and Sciences, Japan,

²Design & Advanced Technology Center, LIXIL Corporation, Japan, ³Technology Innovation Division, LIXIL Corporation, Japan

PS-7-4 Japanese Fermented Rice Malt Beverage Alleviates Constipation Symptoms in Patients with Severe Motor and Intellectual Disabilities

Suzumi Kageyama¹, Rikako Inoue², Tomo Suka³, Yoshihiro Kurohashi³, Kazuaki Teramoto³, Makoto Ayabe⁴, Haruka Sakaue⁵, Miki Doi¹, A. Yasmin Syauki¹, Yasuyuki Irie²

¹Doctorate Course of Health and Welfare Science, Graduate School of Health and Welfare Science, Okayama Prefectural University, Japan, ²Department of Nutritional Science, Faculty of Health and Welfare Science, Okayama Prefectural University, Japan, ³Department of Rehabilitation, Kishu Rehabilitation Visiting Care Station, Japan, ⁴Department of Human Information Engineering, Faculty of Computer Science and Systems Engineering, Okayama Prefectural University, Japan, ⁵Master's Course of Health and Welfare Science, Graduate School of Health and Welfare Science, Okayama Prefectural University, Japan

PS-7-5 The Assessment of Malnutrition, Quality of Life and Its Relationship among Older Persons: A Scoping Review

Nur Kamilah Mohd Fauzy¹, Sakinah Harith², Wan Rohani Wan Taib², Rosliza Yahaya³

¹Faculty of Health Sciences, Universiti Sultan Zainal Abidin, Malaysia, ²Faculty of Health Sciences, Universiti Sultan Zainal Abidin, Malaysia, ³Faculty of Medicine, Universiti Sultan Zainal Abidin, Malaysia

PS-7-6 Acute Effect of Formulated Melon Manis Terengganu (MMT) Peel Powder on Glycemic Response and Satiety in Adults at Risk of Type 2 Diabetes

Ying Qian Ong¹, Sakinah Harith¹, Mohd Razif Shahril³, Norshazila Shahidan², Hermizi Hapidin⁴

¹School of Nutrition and Dietetics, Faculty of Health Sciences, Universiti Sultan Zainal Abidin, Gong Badak Campus, Malaysia, ²School of Food Industry, Faculty of Bioresources and Food Industry, Universiti Sultan Zainal Abidin, Besut Campus, Malaysia, ³Nutrition Program, Center for Healthy Ageing and Wellness, Faculty of Health Sciences, Universiti Kebangsaan Malaysia, Kuala Lumpur Campus, Malaysia, ⁴Biomedicine Programme, School of Health Sciences, Universiti Sains Malaysia, Health Campus, Malaysia

Programs

- PS-7-7 Low Dietary Variety and Diabetes Mellitus Are Associated with Frailty among Community-Dwelling Older Japanese Adults: A Cross-Sectional Study**
Misato Hayakawa¹, Keiko Motokawa², Yurie Mikami², Maki Shirobe³, Ayako Edhiro², Masanori Iwasaki², Yuki Ohara², Yutaka Watanabe⁴, Hisashi Kawai⁵, Motonaga Kojima⁵, Shuichi Obuchi⁵, Yoshinori Fujiwara^{1,3,6}, Hunkyung Kim², Kazushige Ihara⁷, Hiroki Inagaki², Shoji Shinkai⁸, Shuichi Awata¹, Atsushi Araki⁹, Hirohiko Hirano²
¹Integrated Research Initiative for Living Well with Dementia, Tokyo Metropolitan Institute of Gerontology, Japan, ²Research Team for Promoting Independence and Mental Health, Tokyo Metropolitan Institute of Gerontology, Japan, ³The Tokyo Metropolitan Support Center for Preventative Long-term and Frail Elderly Care, Tokyo Metropolitan Institute of Gerontology, Japan, ⁴Gerodontology, Department of Oral Health Science, Faculty of Dental Medicine, Hokkaido University, Japan, ⁵Research Team for Human Care, Tokyo Metropolitan Institute of Gerontology, Japan, ⁶Research Team for Social Participation and Community Health, Tokyo Metropolitan Institute of Gerontology, Japan, ⁷Graduate School of Medicine, Hirosaki University, Japan, ⁸Graduate School of Nutrition and Health Science, Kagawa Nutrition University, Japan, ⁹Department of Diabetes, Metabolism, and Endocrinology, Tokyo Metropolitan Geriatric Hospital, Japan
- PS-7-8 Associations between Dietary Habits and Risk of Colorectal Cancer: A Mendelian Randomization Study**
Yunyang Deng¹, Junjie Huang¹, Martin Chi Sang Wong^{1,2,3}
¹The Jockey Club School of Public Health and Primary Care, Faculty of Medicine, The Chinese University of Hong Kong, Hong Kong, ²School of Public Health, The Chinese Academy of Medical Sciences and the Peking Union Medical College, China, ³School of Public Health, Peking University, China
- PS-7-9 Effects of Nutrition Counseling Twice on Weight Changes in Patients with Head and Neck Cancer Undergoing Concurrent Chemoradiotherapy: Comparison between Nasopharyngeal Cancer and Non- nasopharyngeal Cancer**
Tzu-Yi Chang, Che-Lin Chiu, Mei-Fang Yang
Dietetics and Nutrition, Taipei Veterans General Hospital, Taiwan
- PS-7-10 Mastication by Chewing with Gum Increases the Glucagon-like Peptide 1 (GLP-1) Secretion after the Meal Test in Healthy Adult Women**
Yuki Kurioka¹, Yukie Yanagisawa¹, Toshio Hosaka², Natsuki Yoshimura², Tetsunori Ozaki³, Makiko Ogawa⁴, Atsuko Kitahara⁴
¹Department of Health and Nutrition, Wayo Women's University, Japan, ²Laboratory of Clinical Nutrition, School of Food and Nutritional Sciences, University of Shizuoka, Japan, ³School of Dentistry, Nihon University, Japan, ⁴Food Science and Nutrition, College of Futaba Nutrition, Japan
- PS-7-11 Compare of Predictive Equations Versus Indirect Calorimetry for the Evaluation of Energy Expenditure in Head and Neck Cancer Patients**
Li-Xia Tong
Division of Dietetics & Nutrition, Hualien Tzu Chi Hospital, Taiwan
- PS-7-13 Nutrition Improvement of Pediatric Cancer Patients through Hospital Meals in Cambodia**
Ayana Ueda¹, Kawai Natsuki¹, Putheara Lon¹, Kojiro Maiko¹, Sato Sho¹, Wada Shusei¹, Shinkai Kenji², Kondo Eriko²
¹Children's Medical Center, NPO Japan Heart, Cambodia, ²The Ajinomoto Foundation, Japan
- PS-7-14 Nutritional Status and Nutritional Practice of Cirrhotic Patients at Hanoi Medical University Hospital, 2020**
Trang Thu Nguyen^{1,2}, Linh Thuy Nguyen², Shigeru Yamamoto¹
¹Department of Food and Nutrition, Jumonji University, Japan, ²Department of Nutrition and Food Safety, Hanoi Medical University, Viet Nam
- PS-7-15 Effects of Dietary Intervention and Monthly Follow Up in Gastric Carcinoma Patients with Subtotal Gastrectomy**
Tzu Yun Chu
Division of Clinical Nutrition, Department of Dietetics & Nutrition, Taipei Veterans General Hospital, Taiwan
- PS-7-17 The Occurrence of Gastroesophageal Reflux Differs Depending on the Type of Thickener for the Semi-solidified Enteral Nutrients**
Yukiko Sumida, Yuichiro Takei, Hiroyuki Watanabe, Takashi Murakami
Faculty of Nutrition, University of Kochi, Japan

Programs

- PS-7-18 Sarcopenia Is a Concern in Community-dwelling, Late-aged Older Adults**
Toru Nagai¹, Kunihiko Sakai², Yasuharu Saito³
¹ Department of Health and Nutrition, Niigata University of Health and Welfare, Japan, ²Department of Internal Medicine, Niigata Rinko Hospital, Japan, ³Department of Internal Medicine, Comprehensive Rehabilitation Center Midori Hospital, Japan
- PS-7-19 Sustainable Meal Support for Patients with Heart Failure Living Alone**
Minako Yamaguchi, Yumiko Nakagawa
Nutrition Section, Kyoto Min-iren Asukai Hospital, Japan
- PS-7-21 Efficacy of Nutritional Treatment in Patients with Lupus Nephritis Complicated Cerebral Infarction: A Case Report**
Jing Liu
Department of Nutrition, Lu'an Nutrition Society, China
- PS-7-22 Lactobacillus Metabolites Relieves the Rash and Diarrhea Induced by EGFR TKI: Two Case Reports and Literature Review**
Liejun Yang², Huiqing Yu², Mengting Chen¹
¹Department of Nutrition, Chongqing University Cancer Hospital, China, ²Department of Palliative Care, Chongqing University Cancer Hospital, China
- PS-7-23 Nutritional Status Assessment for Patients with Common Cancer in a Cancer Hospital of Southwest China**
Haoyang Cao¹, Mengting Chen¹, Huiqing Yu²
¹Department of Nutrition, Chongqing University Cancer Hospital, China, ²Department of Palliative Care, Chongqing University Cancer Hospital, China
- PS-7-24 Lactobacillus Metabolites Relieves the Reactive Cutaneouscapillary Endothelial Proliferation (RCCEP) Induced by Checkpoint Inhibitors: A Case Report and Review of Literature**
Shihong Liu², Mengting Chen¹, Huiqing Yu²
¹Department of Nutrition, Chongqing University Cancer Hospital, China, ²Department of Palliative Care, Chongqing University Cancer Hospital, China

12:00-13:00 Poster Session: Clinical Nutrition

- PS-8-1 Effect of Body Composition on Resting Energy Expenditure in Older Hospitalized Patients of Internal Medicine: A Cross-Sectional Study**
Fumiya Kawase^{1,2}, Yoshiyuki Masaki^{3,4}, Hiroko Ozawa⁵, Manami Imanaka⁵, Aoi Sugiyama⁵, Hironari Wada⁶, Shinya Kobayashi³, Takayoshi Tsukahara²
¹Department of Nutrition, Asuke Hospital Aichi Prefectural Welfare Federation of Agricultural Cooperatives, Japan, ²Graduate School of Nutritional Science, Nagoya University of Arts and Sciences, Japan, ³Department of Internal Medicine, Asuke Hospital Aichi Prefectural Welfare Federation of Agricultural Cooperatives, Japan, ⁴Department of Community-based Medical Education, Nagoya City University Graduate School of Medical Sciences, Japan, ⁵Department of Nursing, Asuke Hospital Aichi Prefectural Welfare Federation of Agricultural Cooperatives, Japan, ⁶Department of Rehabilitation Therapy, Asuke Hospital Aichi Prefectural Welfare Federation of Agricultural Cooperatives, Japan
- PS-8-2 Relationship between Blood Vitamin D Levels, Sun Exposure Time and Sunscreen Cosmetics**
Masako Ebihara
Health Screening and Health Guidance Section, Japan Agricultural Cooperatives, Japan
- PS-8-3 The Effects of Different Quantities and Qualities of Protein Intake in People with Diabetes Mellitus**
Shiuchuan Huang, Yi-Chin Tang
Department of Internal Medicine, Taipei City Hospital, Taiwan
- PS-8-4 Beneficial Effects of Synbiotics in Hemodialysis Patients with Poor Defecation Control**
Mizuki Takeuchi¹, Junko Nakamura², Yumiko Saito³, Tatsuya Nakano³, Takahito Ito³
¹Department of Health and Nutrition, Niigata University of Health and Welfare, Japan, ²Health Promotion Division, Health and Welfare Department, Tsubame City, Japan, ³Kataguilli Medical Center, Japan

Programs

- PS-8-5 Effect of Sarcopenia on the Recovery of Swallowing Ability in Stroke Rehabilitation Patients: A Multicenter Cohort Study**
Shinta Nishioka¹, Ichiro Fujishima², Masako Kishima³, Tomohisa Ohno⁴, Akio Shimizu⁵, Takashi Shigematsu², Masataka Itoda⁶, Hidetaka Wakabayashi⁷, Kenjiro Kunieda^{2,8}, Fumiko Ohshima⁹, Sumito Ogawa¹⁰, Kazuki Fukuma¹¹, Nami Ogawa¹², Jun Kayashita¹³, Minoru Yamada¹⁴, Takashi Mori¹⁵, Shinya Onizuka¹⁶
¹Department of Clinical Nutrition and Food Service, Nagasaki Rehabilitation Hospital, Japan, ²Department of Rehabilitation Medicine, Hamamatsu City Rehabilitation Hospital, Japan, ³Department of Dentistry, Wakakusa-Tatsuma Rehabilitation Hospital, Japan, ⁴Department of Dentistry, Hamamatsu City Rehabilitation Hospital, Japan, ⁵Department of Nutrition, Hamamatsu City Rehabilitation Hospital, Japan, ⁶Department of Oral Rehabilitation, Osaka Dental University Hospital, Japan, ⁷Department of Rehabilitation Medicine, Tokyo Women's Medical University Hospital, Japan, ⁸Department of Neurology, Gifu University Hospital, Japan, ⁹Department of Rehabilitation Medicine, Japanese Red Cross Society Suwa Hospital, Japan, ¹⁰Department of Geriatric Medicine, Graduate School of Medicine, The University of Tokyo, Japan, ¹¹Department of Neurology, National Cerebral and Cardiovascular Center, Japan, ¹²Department of Dentistry, Sakaue Dental Office, Japan, ¹³Department of Health Sciences, Prefectural University of Hiroshima, Japan, ¹⁴Faculty of Human Sciences, University of Tsukuba, Japan, ¹⁵Department of Oral and Maxillofacial Surgery, Southern Tohoku General Hospital, Japan, ¹⁶Department of Rehabilitation Medicine, Nagasaki Rehabilitation Hospital, Japan
- PS-8-6 Continuous Glucose Monitoring for Detection of Glycemic Variability, Hypoglycemia and Hyperglycemia in Women with Eating Disorders**
Nao Uotani¹, Shun'ichi Noma², Momoko Akamine¹, Takashi Miyawaki¹
¹Department of Living Environment, Food and Nutrition, Graduate School of Home Economics, Kyoto Women's University, Japan, ²Psychosomatic Medicine, Psychiatry, Noma-Kokoro Clinic, Japan
- PS-8-8 The Practice of Nutrition Care by Registered Dietitians in Acute Care Wards of An Advanced Treatment Hospital**
Michi Shibata¹, Ayaka Ito¹, Risa Yoshikawa¹, Misato Matsunuma¹, Yuki Kamio¹, Saaya Sasaki¹, Yuka Yamaguchi¹, Haruka Takai¹, Atsuna Kogi¹, Ikuko Gomi², Risa Fukuoka², Ryoko Higuchi², Ishak Halim Octawijaya², Shihoko Suzuki², Teiji Nakamura²
¹Department of Nutrition and Dietetics, St. Marianna University Hospital, Japan, ²School of Nutrition and Dietetics, Kanagawa University of Human Services, Japan
- PS-8-9 Resting Energy Expenditure in Children with Liver Disease**
Junpei Hayashi¹, Sachi Kuranuki², Asami Fujitani³, Takahiro Kudo¹, Ayano Inui⁴
¹Department of Clinical Nutrition and Food Management, Saiseikai Yokohama-shi Tobu Hospital, Japan, ²The School of Nutrition and Dietetics, Kanagawa University of Human Services, Japan, ³College of Nursing and Nutrition, Shukutoku University, Japan, ⁴Department of Pediatric Hepatology and Gastroenterology, Saiseikai Yokohama-shi Tobu Hospital, Japan
- PS-8-10 Efficacy of the Low FODMAP Diet for Irritable Bowel Syndrome**
Yoshiko Hattori¹, Kinue Miyata¹, Chiaki Izumi², Masashi Hattori²
¹Nutrition Department, Medical Corporation Yamashita Hospital, Japan, ²Gastroenterology, Medical Corporation Yamashita Hospital, Japan
- PS-8-11 Total Carbohydrate, Fibre, and Free Sugar Intake and Its Association with Blood Glucose and Insulin Levels in Adolescents (16-20 years) and Young Adults (21-25 years) in Mumbai, India**
Jagmeet Madan
Department of Food Nutrition and Dietetics, Sir Vithaldas Thackersey College of Home Science (Autonomous) SNDT Women's University, Mumbai, India
- PS-8-12 Nutritional Management of Elderly Patients with Fasting Orders**
Tomomi Doi
Special Elderly Nursing Home Kemakirakuen, Social Welfare Corporation Kirakuen, Japan
- PS-8-13 Using Digital Tablets to Document Nutritional Care for Patients with COVID-19**
Maki Sugino^{1,2}, Keisuke Iwabuchi³, Akiyo Shiohara⁴
¹Department of Nutrition Management, International University of Health and Welfare MITA HOSPITAL, Japan, ²Department of Nutrition Management, Kanagawa Prefectural Ashigarakami Hospital, Japan, ³Department of General Medicine, Kanagawa Prefectural Ashigarakami Hospital, Japan, ⁴Department of Nutrition and Health Sciences, Toyo University, Japan

Programs

- PS-8-14 A Cross-sectional Survey on Nutrition Management in Healthcare Facilities in Hanoi, Viet Nam**
Reimi Shono¹, Teiji Nakamura³, Shinji Nakahara², Ikuko Gomi⁵, Kenji Toyama⁶, Humiya Miyoshi⁷, An Quyen Tran⁴, Yuki Matsuno⁵, Huong Lan Thi Nguyen^{8,9}, Linh Thuy Nguyen^{8,10}, Phuong Thi Duong¹⁰, Hanh Bich Phan⁸, Huong Thi Le^{8,10,11}
¹School of Health Innovation Course of Master, Kanagawa University of Human Services Graduate School, Japan, ²School of Health Innovation, Kanagawa University of Human Services Graduate School, Japan, ³Kanagawa University of Human Services, Japan, ⁴School of Health Innovation Course of Doctor, Kanagawa University of Human Services Graduate School, Japan, ⁵Faculty of Health and Social Services School of Nutrition and Dietetics, Kanagawa University of Human Services, Japan, ⁶Department of Food Science and Nutrition, Nara Womens University, Japan, ⁷Department of Nutrition, NTT Medical Center Tokyo, Japan, ⁸Department of Nutrition and Food Safety, Hanoi Medical University, Viet Nam, ⁹Department of Nutrition, Saint Paul Hospital, Viet Nam, ¹⁰Department of Nutrition, Hanoi Medical University Hospital, Viet Nam, ¹¹Department of Nutrition, National Cancer Hospital, Viet Nam
- PS-8-15 Relationship between Intestinal Microbiota and Abnormal Behavior in People with Intellectual Disabilities**
Yumiko Ido¹, Naomi Yoneda², Yoshinori Nishimura³
¹Department of Food and Nutrition, Kyoto Womens University, Japan, ²Nutrition Management, Yurakunosato, Japan, ³R&D Department, HABA Laboratoris,inc., Japan
- PS-8-16 The Nutritional Interventions Provided by Registered Dietitians in General Acute Care Hospitals**
Risa Fukuoka¹, Ikuko Gomi¹, Mari Saida², Takehiro Kudo², Machi Hoshiya³, Miho Sasaki⁴, Yuki Karaki⁵, Ishak H. Octawijaya¹, Ryoko Higuchi¹, Shihoko Suzuki¹, Teiji Nakamura¹
¹School of Nutrition and Dietetics, Kanagawa University of Human Services, Japan, ²Nutritional and Food Management, Saiseikai Yokohamashi Tobu Hospital, Japan, ³Nutrition, Yokohama Shinmidori General Hospital, Japan, ⁴Nutrition, Yokohama Asahi Chuo General Hospital, Japan, ⁵Nutrition, Kamishirane Hospital, Japan
- PS-8-17 Selection Items and Evaluation Timing for Intensive Nutritional Management during Hospitalization for Heart Failure Patients with Renal Dysfunction**
Naoko Shiohama^{1,2}, Tatsushi Komatsu¹
¹Graduate School of Human Life and Science, Doshisha Women's College of Liberal Arts, Japan, ²Department of Nutrition, Kyoto Saiseikai Hospital, Japan
- PS-8-18 Development of Medical Nutrition Therapy (MNT) Protocol Using Deep Learning for Irritable Bowel Syndrome (IBS) Patients**
Woori Na^{1,2}, Cheongmin Sohn^{1,2}, Chaeryeon Kim¹, Seunghee Choi¹
¹Food and Nutrition, Wonkwang University, Korea, ²Institute of Life Science and Natural Resources, Institute of Life Science and Natural Resources (Wonkwang University), Korea
- PS-8-19 Relationship between Risk Factors for Various Diseases Based on BMI Classification and Locomo 25 in Health Checkup Recipients**
Takako Kumagai¹, Masashi Yamada², Ikuko Fukushima³, Mihoko Isojima³, Haruyuki Ito⁴
¹Department of Nutrition, Aomori University of Health and Welfare, Japan, ²Department of Nursing, Aomori University of Health and Welfare, Japan, ³Health Guidance, Public Interest Incorporated Association Hachinohe City General Health Checkup Center, Japan, ⁴Department of Nursing, Tenshi College, Japan
- PS-8-20 Recent Initiatives in Acute Hospitals in Japan**
Hiroyuki Banno, Mamoru Hayashi, Sachie Hosokawa
Nutrition Section, Japanese Red Cross Aichi Medical Center Nagoya Daiichi Hospital, Japan
- PS-8-21 Association between Geriatric Nutritional Risk Index and Mortality of Japanese Older Patients in Long-Term Care Settings**
Kou Kitabayashi
Nutrition, Shinkohkai Murakami-kinen Hospital, Japan
- PS-8-22 The Efficacy and Safety of Exclusive Enteral Nutrition in Adult Crohn's Disease: A Case Report**
I-Hsien Tsai¹, Lee Hung-Chang²
¹Medical Nutritional Center, MacKay Memorial Hospital, Taiwan, ²Gastrointestinal, MacKay Children's Hospital, Taiwan

Programs

PS-8-23 Necessity of Bioelectrical Impedance Analysis for Efficient Nutritional Care of the Patients with Chronic Hepatitis C and Sustained Virological Response by Treatment with Directly Antiviral Agent

Akiko Ohara^{1,2}, Fusako Teramoto¹, Miwako Mori², Mami Wada², Mayuko Ono², Sinniti Fujioka³, Fusao Ikeda³

¹Master Program in Clinical Nutrition, Kawasaki University of Medical Welfare, Japan, ²Clinical Nutrition, Okayama Saiseikai General Hospital, Japan, ³Internal Medicine, Okayama Saiseikai General Hospital, Japan

13:00-14:00 Poster Session: Public Health Nutrition

PS-9-1 A Survey on the Attitudes of Muslims Living in Japan toward Food in Times of Disaster

Ayaka Yazawa

Nutrition Support Course, Graduate School of Comprehensive Rehabilitation, Osaka Prefecture University, Japan

PS-9-2 Traditional Japanese Diet Score and Cardiovascular Disease Mortality – a Cross-sectional and Longitudinal Global Study

Chisato Abe^{1,2}, Tomoko Imai^{2,3}, Sezaki Ayako^{4,5}, Miyamoto Keiko^{2,6}, Fumiya Kawase^{5,7}, Toshiro Shirai^{2,8}, Masayo Sanada^{5,9}, Ayaka Inden^{5,10}, Takumi Kato^{2,11}, Norie Sugihara¹², Hiroshi Shimokata^{2,5}

¹Department of Food and Nutrition, Tsu City College, Japan, ²Institute of Health and Nutrition, Nagoya University of Arts and Sciences, Japan, ³Department of Food Science and Nutrition, Doshisha Womens College of Liberal Arts, Japan, ⁴Department of Food Sciences and Human Nutrition, Ryukoku University, Japan, ⁵Graduate School of Nutritional Science, Nagoya University of Arts and Sciences, Japan, ⁶Department of Nursing, Nagoya University of Arts and Sciences, Japan, ⁷Department of Nutrition, Asume Hospital Aichi Prefectural Welfare Federation of Agricultural Cooperatives, Japan, ⁸Department of Food and Nutritional Environment, Kinjo Gakuin University, Japan, ⁹Department of Nursing, Heisei College of Health Sciences, Japan, ¹⁰Clinical Nutrition Unit, Hamamatsu University Hospital, Japan, ¹¹Department of Nutrition, Japanese Red Cross Aichi Medical Center Nagoya Daini Hospital, Japan, ¹²Faculty of Core Research, Ochanomizu University, Japan

PS-9-4 Learning Acquisition by Students from On-site Training in Public Health Nutrition at Health Centers: Development of Training for Registered Dietitians in Japan

Hiroko Moriwaki¹, Hiroko Yoritani², Hiroko Kashima³, Yumiko Sanagi⁴

¹Health Sciences Studies, Faculty of Regional Development, Prefectural University of Hiroshima, Japan,

²Department of Nutritional Sciences, Faculty of Human Ecology, Yasuda Women's University, Japan,

³Department of Health and Nutrition, Faculty of Health and Nutrition, Hijiyama University, Japan, ⁴Department of Nutrition, Faculty of Human Sciences, Hiroshima Bunkyo University, Japan

PS-9-7 Dietary Pattern of Meat Consumption Might Be Related to an Increased Risk of Decline in Independence after Three Years among Community-Dwelling Older Individuals

Sayuri Kodama¹, Sugako Kurimori², Tanji Hoshi³

¹Food and Nutrition Science, Sagami Women's Junior College, Japan, ²Department of Nursing, Seitoku University, Japan, ³Urban Environmental Sciences, Tokyo Metropolitan University, Japan

PS-9-8 Longitudinal Global Study of Mediterranean Diet Score and Healthy Life Expectancy

Ayako Sezaki^{1,2}, Tomoko Imai^{3,4}, Keiko Miyamoto^{4,5}, Fumiya Kawase^{1,6}, Yoshiro Shirai^{4,7}, Chisato Abe^{4,8}, Masayo Sanada^{1,9}, Ayaka Inden^{1,10}, Takumi Kato^{4,11}, Norie Sugihara¹², Hiroshi Shimokata^{1,4}

¹Graduate School of Nutritional Science, Nagoya University of Arts and Sciences, Japan, ²Department of Food Sciences and Human Nutrition, Ryukoku University, Japan, ³Department of Food Science and Nutrition, Doshisha Womens College of Liberal Arts, Japan, ⁴Institute of Health and Nutrition, Nagoya University of Arts and Sciences, Japan, ⁵Department of Nursing, Nagoya University of Arts and Sciences, Japan, ⁶Department of Nutrition, Asume Hospital Aichi Prefectural Welfare Federation of Agricultural Cooperatives, Japan, ⁷Department of Food and Nutritional Environment, Kinjo Gakuin University, Japan, ⁸Department of Food and Nutrition, Tsu City College, Japan, ⁹Department of Nursing, Heisei College of Health Sciences, Japan, ¹⁰Clinical Nutrition Unit, Hamamatsu University Hospital Clinical Nutrition Unit, Japan, ¹¹Department of Nutrition, Japanese Red Cross Aichi Medical Center Nagoya Daini Hospital, Japan, ¹²Faculty of Core Research, Ochanomizu University, Japan

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- PS-9-9 Longitudinal Global Study of Traditional Japanese Diet Score and Healthy Life Expectancy**
Tomoko Imai^{1,2}, Chisato Abe^{2,3}, Ayako Sezaki^{4,5}, Keiko Miyamoto^{2,6}, Fumiya Kawase^{2,7}, Yoshiro Shirai^{2,8}, Masayo Sanada^{5,9}, Ayaka Inden^{5,10}, Takumi Kato^{2,11}, Norie Sugihara¹², Hiroshi Shimokata^{2,5}
¹Food Science and Nutrition, Doshisha Womens College of Liberal Arts, Japan, ²Institute of Health and Nutrition, Nagoya University of Arts and Sciences, Japan, ³Food Sciences and Human Nutrition, Tsu City College, Japan, ⁴Food Sciences and Human Nutrition, Ryukoku University, Japan, ⁵Graduate School of Nutritional Science, Nagoya University of Arts and Sciences, Japan, ⁶Nursing, Nagoya University of Arts and Sciences, Japan, ⁷Nutrition, Asume Hospital Aichi Prefectural Welfare Federation of Agricultural Cooperatives, Japan, ⁸Food and Nutritional Environment, Kinjo Gakuin University, Japan, ⁹Nursing, Heisei College of Health Sciences, Japan, ¹⁰Clinical Nutrition Unit, Hamamatsu University Hospital, Japan, ¹¹Nutrition, Japanese Red Cross Aichi Medical Center Nagoya Daini Hospital, Japan, ¹²Faculty of Core Research, Ochanomizu University, Japan
- PS-9-11 Precise Evaluation of Dietary Quality Based on Intelligent Ordering System and Chinese Healthy Eating Index in College Students from a Medical School in Shanghai, China**
Shaojie Liu, Gengsheng He, Bo Chen, Yingnan Jia
School of Public Health, Fudan University, China
- PS-9-13 Preparation of a Revised Food Frequency Questionnaire for Cambodian School-aged Children**
Kaoru Kusama¹, Yoko Horiuchi², Eri Kai³
¹Food and Health Science, The University of Nagano, Japan, ²Health and Nutrition, Aichi Gakuin University, Japan, ³Nutrition and Diet Management Project, Foundation for International Development / Relief, Cambodia
- PS-9-14 Dietary Patterns of Community Dwelling Japanese Pregnant Women by Sociodemographic and Socioeconomic Characteristics**
Tohru Kobayashi¹, Reiji Kojima², Emiko Okada³
¹Department of Food Science and Human Wellness, Rakuno Gakuen University, Japan, ²Department of Health Sciences, School of Medicine, University of Yamanashi, Japan, ³Department of Nutritional Epidemiology and Shokuiku, National Institutes of Biomedical Innovation, Health and Nutrition, Japan
- PS-9-15 Hardness of the Habitual Diet in Relation to Body Mass Index, Waist Circumference, and Body Fat Percentage in Japanese Elementary School Children Aged 9–10 Years**
Toshiyuki Kohri¹, Kentaro Murakami², Masako Kawanishi³, Chiho Myojin³, Nozomi Okamoto⁴, Tomoko Ojima³, Mikiko Sekiya³, Mako Yamamoto¹, Yuko Higashine¹, Nobuko Amano¹, Rie Hashimoto¹, Hiroyuki Tomotake⁵
¹Department of Clinical Nutrition and Dietetics, Faculty of Clinical Nutrition and Dietetics, Konan Women University, Japan, ²Department of Social and Preventive Epidemiology, School of Public Health, The University of Tokyo, Japan, ³Department of Food and Nutrition, Faculty of Agriculture, Kindai University, Japan, ⁴School Psychology, Developmental Science and Health Education, Hyogo University of Teacher Education, Japan, ⁵Department of Domestic Science, Iida Women Junior College, Japan
- PS-9-18 Relationships between Genetic Factors and Dietary Nutrient Intake on Serum Adiponectin, Considering Seasonal Variation**
Mizuki Kani¹, Kana Nakano^{2,3}, Chiho Goto¹, Kiyonori Kuriki^{3,4}
¹Department of Health and Nutrition, Nagoya Bunri University, Japan, ²Department of Health and Nutrition, Aichi Gakuin University, Japan, ³Laboratory of Public Health, Graduate School of Integrated Pharmaceutical and Nutrition Sciences, University of Shizuoka, Japan, ⁴Laboratory of Public Health, Division of Nutritional Sciences, School of Food and Nutritional Sciences, University of Shizuoka, Japan
- PS-9-19 Global Longitudinal Study of DASH Diet Score and Ischemic Heart Disease Mortality**
Takumi Kato^{1,2}, Tomoko Imai^{1,3}, Keiko Miyamoto^{1,4}, Ayako Sezaki^{5,6}, Fumiya Kawase^{5,7}, Yoshiro Shirai^{1,8}, Chisato Abe^{1,9}, Masayo Sanada^{5,10}, Ayaka Inden^{5,11}, Norie Sugihara¹², Hiroshi Shimokata^{1,5}
¹Institute of Health and Nutrition, Nagoya University of Arts and Sciences, Japan, ²Nutrition Division, Japanese Red Cross Aichi Medical Center Nagoya Daini Hospital, Japan, ³Department of Food Science and Nutrition, Doshisha Womens College of Liberal Arts, Japan, ⁴Department of Nursing, Nagoya University of Arts and Sciences, Japan, ⁵Graduate School of Nutritional Science, Nagoya University of Arts and Sciences, Japan, ⁶Department of Food Sciences and Human Nutrition, Ryukoku University, Japan, ⁷Department of Nutrition, Asume Hospital Aichi Prefectural Welfare Federation of Agricultural Cooperatives, Japan, ⁸Department of Food and Nutritional Environment, Kinjo Gakuin University, Japan, ⁹Department of Food and Nutrition, Tsu City College, Japan, ¹⁰Department of Nursing, Heisei College of Health Sciences, Japan, ¹¹Clinical Nutrition Unit, Hamamatsu University Hospital, Japan, ¹²Faculty of Core Research, Ochanomizu University, Japan

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- PS-9-20 Effect of Change in Prefecture-Level Yield of Not-for-Sale Vegetables on Individual-Level Vegetable Intake in Japan: A Natural Experiment**
Daisuke Machida
Home Economics Education Course, Cooperative Faculty of Education, Gunma University, Japan
- PS-9-21 The Interaction of Dietary Variety and Eating Alone on Incident Functional Disability among Older Japanese Adults**
Toshiki Hata^{1,2}, Satoshi Seino¹, Yui Tomine¹, Yuri Yokoyama¹, Miki Narita¹, Mariko Nishi¹, Shoji Shinkai^{1,3}, Akihiko Kitamura^{1,4}, Yoshinori Fujiwara¹
¹Research Team for Social Participation and Community Health, Tokyo Metropolitan Institute of Gerontology, Japan, ²Department of Food and Nutritional Science, Graduate School of Applied Bioscience, Tokyo University of Agriculture, Japan, ³Department of Nutrition, Kagawa Nutrition University, Japan, ⁴Health Town Development Science Center, Yao City Health Center, Japan
- PS-9-22 Characteristics of Low-Sodium Diets Found in Cooking Classes following the Great East Japan Earthquake**
Yuri Kinoshita¹, Kanako Sato², Miura Yuka³, Natsumi Ishii⁴, Kayako Sakisaka⁵, Yoshiharu Fukuda⁵
¹Division of Food Science and Nutrition, Tohoku Seikatsu Bunka University Junior College, Japan, ²Department of Health and Nutrition, Chukyo Gakuin University Junior College, Japan, ³Disaster Reconstruction Assistance Project, The Ajinomoto Foundation, Japan, ⁴Department of Nutrition, Kashinoki Internal Medicine Clinic, Japan, ⁵Graduate School of Public Health, Teikyo University, Japan
- PS-9-23 A Study on the Sodium/Potassium Intake Ratio and the Sources of Sodium and Potassium among Japanese Infants Attending Nursery Schools**
Atsuki Sakai¹, Katsushi Yoshita¹, Takako Takahashi¹, Tetsuko Okabe², Ruriko Sasaki³, Hiromi Ishida⁴, Hiromitsu Ogata⁴, Aya Abe⁵, Mitsuhiko Hara⁶, Yukiko Yoshioka⁷, Miho Nozue⁸, Tatsuaki Sakamoto⁹, Sanae Ito¹⁰, Nobuko Murayama¹¹
¹Food and Human Health Science, Graduate School of Human Life Science, Osaka City University, Japan, ²Department of Nutrition, School of Nursing and Nutrition, Tenshi College, Japan, ³Department of Food and Nutritional Science, Faculty of Human Life Science, Miyagi Gakuin Women's University, Japan, ⁴Department of Applied Nutrition, Faculty of Nutrition, Kagawa Nutrition University, Japan, ⁵Department of Human and Social Sciences, School of Humanities and Social Sciences, Tokyo Metropolitan University, Japan, ⁶Department of Human Nutrition, Faculty of Human Nutrition, Tokyo Kasei Gakuin University, Japan, ⁷Department of Nutritional Management, Faculty of Nutritional Science, Sagami Women's University, Japan, ⁸Department of Health and Nutritional Sciences, Faculty of Health Promotional Sciences, Tokoha University, Japan, ⁹Department of Food & Health Sciences, Faculty of Environmental and Symbiotic Sciences, Prefectural University of Kumamoto, Japan, ¹⁰Department of Health Sciences, Faculty of Medicine, University of the Ryukyus, Japan, ¹¹Department of Health and Nutrition, Faculty of Human Life Studies, University of Niigata Prefecture, Japan
- PS-9-25 Effect of Seasonality on the Intake of Energy, Nutrients and Food Groups in Japanese Children Attending Nursery School in Japan**
Eri Uezu¹, Tatsuya Koyama², Akiko Iwahashi³, Ruriko Sasaki⁴, Hiromi Ishida⁵, Katsushi Yoshita¹
¹Department of Food and Human Health Sciences, Osaka City University, Japan, ²Department of Nutrition, Aomori University of Health and Welfare, Japan, ³Department of Nutrition and Food Sciences, Tezukayama Gakuin University, Japan, ⁴Department of Food and Nutritional Science, Miyagi Gakuin Women's University, Japan, ⁵Department of Health and Nutrition, Kagawa Nutrition University, Japan
- PS-9-26 Utilizing Stockpiled Foods for Preparing Therapeutic Foods in Disasters**
Tomoko Hirouchi
Faculty of Nutrition, University of Kochi, Japan
- PS-9-27 Changes in Selected Food Group Consumption and Quality of Meals in Japanese School Children Due to Differences in Literacy of Meal Preparation for Children during the COVID-19 Pandemic**
Chika Horikawa¹, Nobuko Murayama¹, Makiko Sampei², Yui Kojima¹, Tanaka Hisako², Naho Morisaki²
¹Department of Health and Nutrition, University of Niigata Prefecture Faculty of Human Life Studies, Japan, ²Department of Social Medicine, National Center for Child Health and Development, Japan
- PS-9-28 Survey on Halal Food Awareness in Japan -Comparison between 2015 and 2020-**
Yasuko Sannomaru^{1,2}, Mibu Shishido², Sanae Yamada¹, Yuusuke Sekiguchi^{1,2}, Mamoru Igarashi^{1,2}, Masahiro Wada^{1,2}
¹Pharmaceutical Science, Josai University, Japan, ²Graduate School of Pharmaceutical Sciences, Josai University of Graduate School, Japan

Programs

PS-9-30 Improvement of Vietnamese School Lunch

Diep Van Nguyen¹, Phuong Mai Nguyen¹, Giang Huong Nguyen¹, Ngoc Thi Ta¹, Hien Thi Thu Ngo¹, Trang Thu Nguyen¹, Huong Thi Le², Shigeru Yamamoto¹

¹Department of Food and Nutrition, Jumonji University, Japan, ²Department of Nutrition and Food Safety, Institute for Preventive Medicine and Public Health, Hanoi Medical University, Viet Nam

14:00-15:00 Poster Session: Public Health Nutrition

PS-10-1 Judging from Body Weight and Energy Intake, Japanese Energy Recommendation for Children Maybe Too High

Giang Huong Nguyen¹, Phuong Mai Nguyen¹, Diep Van Nguyen¹, Nobuko Sarukura³, Hitomi Takeichi³, Ayami Sano⁴, Sumiko Kamoshita³, Yoko Ozaki², Saori Okushima², Hitoshi Iizuka², Masayo Kaneda⁵, Shigeru Yamamoto^{1,3}

¹Department of Food and Nutrition, Jumonji University, Japan, ²Menu Department, Quest Computer, Japan,

³Asian Nutrition and Food Culture Research Center, Jumonji University, Japan, ⁴Department of Health and Nutrition, Tokoha University, Japan, ⁵Japan Society of Nutrition Teachers, Japan

PS-10-2 Examining Operational Methods of JDA-DAT (Japan Dietetic Association – Disaster Assistance Team) Staff Training and Follow-up Training - Ingenuity during Covid-19 Crisis

Yukiko Saito, Kaoru Koyama, Chihiro Segawa, Osamu Kaneko, Koji Kobayashi, Kosuke Yoshimura, Izuru Hasegawa, Mamiko Takahashi, Shun Ueno, Kiyomi Tamura, Sachiko Ishigaki, Kazuhiro Nishimura
JDA - DAT / TOKYO, The Tokyo Dietetic Association, Japan

PS-10-3 The Study of Nutrient Deficiencies in 350 g Vegetable Intake

Hiroshi Tanaka, Masaya Hosokawa

Human Sciences, Tezukayama Gakuin University, Japan

PS-10-4 Softening Effect of Meat Texture and Digestibility of Vacuum Cooked Pork

Tomomi Tsuji, Asako Tamura

Department of Health and Nutrition, University of Niigata Prefecture, Japan

PS-10-5 Prevention of COVID-19 as well as Control Measures Taken by Registered Dietitians' (RD) and Their Views on the Countermeasures during the COVID-19 Pandemic

Naoko Mori, Miho Midorikawa, Noriko Nakamura, Noriko Komatsuzaki, Sayoko Arai, Marin Ono, Natsu Hiroki, Katsuyori Aochi, Kenshi Okubo, Hiroko Sasaki, Kiyoshi Gotow

Department of Human Nutrition, Faculty of Human Nutrition, Seitoku University, Japan

PS-10-6 Meal Plans for Meeting the “Revised Nutritional Reference Values for Feeding at Evacuation Shelters” Using Food Items Available in Shelters

Tamaki Takeda¹, Noriko Sudo², Nobuyo Tsuboyama-Kasaoka³, Ikuko Shimada⁴, keiichi Sato⁵, Yuki Shibamura⁶, Sayaka Nagao-Sato⁶

¹Food and Nutritional Science, Ochanomizu University, Japan, ²Faculty of Core Research, Ochanomizu University, Japan, ³Section of Global Disaster Nutrition, National Institutes of Biomedical Innovation, Health and Nutrition, Japan, ⁴Faculty of Nutrition, University of Kochi, Japan, ⁵School of Network and Information, Senshu University, Japan, ⁶Department of Nutrition and Food Science, The Graduate School of Humanities and Science, Ochanomizu University, Japan

PS-10-7 Impact of the COVID-19 Pandemic on Registered Dietetics Student' Food Intake and Physical Activity

Misaki Ono, Mana Miya, Katsumi Imai, Ririko Moriguchi, Kenichiro Yasutake, Keiko Watanabe, Aiko Oniki, Shouko Maeda, Kyouka Fujii, Asuka Yasunaga, Ryouka Eura, Hiromi Ueno, Masaki Kato, Hisaya Kawate, Shuji Nakano

Health Promotion Center, Nakamura Gakuen University, Japan

PS-10-8 Within- and Between-shelter Variations in Foods Provided at Shelters during a Heavy Rain Disaster and the Necessary Number of Days for Weighed Food Record

Hiroka Sato¹, Noriko Sudo², Nobuyo Tsuboyama-Kasaoka³, Ikuko Shimada⁴, Yuki Shibamura¹, Sayaka Nagao-Sato¹

¹Department of Nutrition and Food Science, The Graduate School of Humanities and Science, Ochanomizu University, Japan, ²Faculty of Core Research, Ochanomizu University, Japan, ³Section of Global Disaster Nutrition, National Institutes of Biomedical Innovation, Health and Nutrition, Japan, ⁴Faculty of Nutrition, University of Kochi, Japan

Programs

- PS-10-9 Health Promotion Measures Necessary for Desirable Dietary Habits for Mothers and Children**
Kimiko Hirotsu¹, Tatuya Koyama², Akiko Iwahashi³, Yasuko Sakaida⁴, Yoko Tujimoto⁵, Katushi Yosita⁶
¹Graduate School of Health and Well-being, Yamaguchi Prefectural University, Japan, ²Department of Nutrition, Faculty of Health Sciences, Aomori University of Health and Welfare, Japan, ³Faculty of Contemporary Human Life Science, Tezukayama University, Japan, ⁴Faculty of Nursing and Nutrition, Department of Nutrition Science, University of Nagasaki, Japan, ⁵Dept. of Food and Nutritional Sciences, Faculty of Bioscience and Biotechnology, Chubu University, Japan, ⁶Graduate School of Human Life Sciences, Osaka City University, Japan
- PS-10-10 A Report on Lifestyle and Dietary Habits for Longer Healthy Life Expectancy in Sumida Ward**
Rie Furukawa, Mariko Kobayashi, Kazuhiro Sugisaki
Health Planning Division Health Promotion Section, Sumida City Office, Japan
- PS-10-11 Changes in Gaze Movements When Looking at Normal Food and Swallowing Food**
Mie Shiraishi, Wataru Masuda
Department of Nutrition Faculty of Home Economics, Kyushu Women's University, Japan
- PS-10-12 Parent's Consciousness of and Behavior Towards Reducing the Salt Intake of Their Preschool Children**
Hiromi Moriyama¹, Takako Kumagai², Ryoko Tanikawa³, Haruyuki Ito⁴, Yukiko Mano⁵
¹Department of Food Dietetics, Aomori Chuo Junior College, Japan, ²Department of Nutrition, Aomori University of Health and Welfare, Japan, ³Department of Nursing, Aomori University of Health and Welfare, Japan, ⁴Department of Nursing, Tenshi College, Japan, ⁵Department of Health and Nutrition, Shibata Gakuen University, Japan
- PS-10-13 Accuracy of Food Image Analysis and Usability of Healthcare Applications**
Yuko S. Yoshimoto¹, Mako Kanemasu², Junko Fujikura³, Hitomi Saito³, Hiromi Mitsumori², Kaori Sakamoto⁴, Sanae Nishimura⁴
¹Graduate School of Life and Environmental Sciences, Kyoto Prefectural University, Japan, ²Faculty of Life and Environmental Sciences, Kyoto Prefectural University, Japan, ³Department of Food Culture and Nutrition, Kagawa Nutrition University, Japan, ⁴Department of Applied Nutrition, Kagawa Nutrition University, Japan
- PS-10-14 Effect of Digital Signage Video with a Nudge in a University Cafeteria on Increasing Vegetable Intake among Japanese University Students**
Ryota Fukui¹, Suzuka Iwamoto¹, Natsuki Hori¹, Kana Matsui¹, Aiba Naomi³, Fukumoto Takashi³, Makiko Nakade^{1,2}
¹Department of Food Science and Nutrition, University of Hyogo, Japan, ²Research Institute for Food and Nutritional Sciences, Japan, ³Kanagawa Institute of Technology, Japan
- PS-10-16 Dietary Patterns and Sodium-to-Potassium Ratio of Niigata Prefecture Residents in the Working-age Population: Analysis of the 2015 Niigata Prefecture Health and Nutrition Survey**
Kazue Suzuki¹, Mizuki Takeuchi¹, Yuna Watanabe¹, Miyo Kojima²
¹Department of Health and Nutrition, Niigata University of Health and Welfare, Japan, ²Health Promotion Support Division, Welfare and Health Department, Niigata Prefecture, Japan
- PS-10-17 Associations of Fruits and Vegetables Intake with Blood Pressure Levels in Japanese Male Workers**
Michiko Tsuji¹, Satoka Yamamoto¹, Kimi Sawada²
¹Department of Health and Nutrition, Nagoya Women's University, Japan, ²Department of Health and Nutrition, Tokiwa University, Japan
- PS-10-18 About Changes in the Work of Local Government Registered Dietitians during the COVID-19 Infection Spread Period**
Sumie Isobe^{1,2}, Ayumi Morooka^{1,3}, Ryoko Kishi^{1,4}, Minako Shinkai^{1,5}, Noriko Ishihara^{1,6}, Midori Shukunami^{1,7}, Rie Harada^{1,8}, Yuuko Obata^{1,9}
¹Public Health, The Japan Dietetic Association, Japan, ²Niitsu Public Health Center, Niigata Prefectural Government, Japan, ³Health Promotion Division, Hyogo Prefectural Government, Japan, ⁴Health Promotion Division, Aizuwakamatsu City, Japan, ⁵Health Promotion Division, Tokai City, Japan, ⁶Narashino Public Health Center, Chiba Prefectural Government, Japan, ⁷Suginami Public Health Center, Suginami City, Japan, ⁸Health Promotion Division, Yamaguchi Prefectural Government, Japan, ⁹Health Promotion Division, Kitakyushu City, Japan

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PS-10-19 Efforts of Dietitians for Disaster Victims

Kinya Matsui^{1,2,3}, Hiroyasu Yonemura³

¹Department of Applied Food Science, Higashiosaka Junior College, Japan, ²The Osaka Dietetic Association, The Japan Dietetic Association, Japan, ³Representation / Publicity, The Matsui Entomo-pan-phagy Research Group, Japan

PS-10-20 School Lunches to Help Students Learn How to Cope With Disasters

Kumiko Echigo

Sendai City Kuriu Elementary School, Japan

PS-10-21 Results of Organizational an Organizational Survey for the Development of Human Resources Training Program for Dietitians Working in Local Governments

Ayumi Morooka¹, Yusuke Arai², Ayaka Iida³, Sumie Isobe⁴, Osamu Kushida⁵, Tatsuya Koyama⁶, Kazumi Tanaka³, Katsushi Yoshita⁷

¹Health Promotion Division, Hyogo Prefectural Government, Japan, ²Department of Nutrition, Chiba Prefectural University of Health Science, Japan, ³Faculty of Health and Social Services, Kanagawa University of Human Services, Japan, ⁴Department of Welfare and Health, Niigata Prefecture, Japan, ⁵School of Food and Nutritional Sciences, University of Shizuoka, Japan, ⁶Faculty of Health Science, Aomori University of Health and Welfare, Japan, ⁷Department of Human Life Science, Osaka City University, Japan

PS-10-22 Current Status of Household Food Waste in College Students, Influence of COVID-19

Akiyo Shiohara¹, Yuta Yamazaki²

¹Department of Nutrition and Health Sciences, Toyo University, Japan, ²Department of Nutrition Management, Yono Central Hospital, Japan

PS-10-23 Association of Body Mass Index and Nutrition-Related Factors with Mortality Among the Elderly in Taipei

Ying-Ying Hsu, Yi-Fen Lin

Department of Dietetics and Nutrition, Taipei City Hospital, Renai Branch, Taiwan

PS-10-24 Overviews of Shokuiku Promotion Program Measures in Aizuwakamatsu City (2011-2021)

Ryoko Kishi

Health Promotion Section, Aizuwakamatsu City Office, Japan

PS-10-25 The Relationship between Diet Quality and Sleep Quality and Behavior in Young Children

Sachi Kuranuki, Ayaka Wakabahashi, Yumiko Inoue, Ayaka Iida

The School of Nutrition and Dietetics, Kanagawa University of Human Services, Japan

PS-10-26 Impact of Food Support in the Disaster Area on the Awareness of Students; A New Initiative of the Registered Dietitian Training School in Japan

Chisato Hara¹, Yuri Kintaka²

¹Nutrition and Metabolic Medicine, Center of Preventive Medical Science, Chiba university, Japan, ²Nutrition School of Health Science, Sapporo University of Health Sciences, Japan

PS-10-27 Effects of Local Nutrition Program Implementation on Household Food Security and Stunting: Case Study of Aurora and Batanes Provinces

Charina Javier, James Andrei Justin Sy, Cheder Sumangue, Ma. Lilibeth Dasco

Nutritional Assessment and Monitoring Division, Department of Science and Technology - Food and Nutrition Research Institute, Philippines

PS-10-28 An Attempt to Develop Boxed Lunches That Take into Consideration the Nutritional Reference Amount and Diversity of Food Provision in Evacuation Centers

Ikuko A. Shimada¹, Noriko A. Sudo², Nobuyo A. Kasaoka-Tsuboyama³, Keiichi A. Sato⁴

¹Faculty of Nutrition, University of Kochi, Japan, ²Natural Science Division, Faculty of Core Research, Ochanomizu University, Japan, ³Section of Global Disaster Nutrition, International Center for Nutrition and Information, National Institute of Health and Nutrition, National Institutes of Biomedical Innovation, Health and Nutrition, Japan, ⁴Disaster Management and Policy Sciences, Sensyu University, Japan

PS-10-29 A Fact-finding Survey on the Dietary Habits of the Poor in Cebu, Philippines by Japanese University Students

Atsuko Kayashita

Health Sciences, Hiroshima Shudo University, Japan

Programs

15:00-16:00 Poster Session: Community Nutrition

- PS-11-1 Examination of Effective Deliciousness Transmission Method That Leads to Purchasing Behavior of Yamato (Another Name for Nara, the Ancient Capital of Japan)'s Traditional Vegetable "Yamato-maru Eggplant" That Makes Full Use of Nudge Theory and Information Technology**
Junko Nohara¹, Daiki Mayumi², Yuki Matsuda², Yugo Nakamura³, Emiko Iwata¹
¹Faculty of Health Sciences, Kio University, Japan, ²Graduate School of Science and Technology, Nara Institute of Science and Technology, Japan, ³Graduate School and Faculty of Information Science and Electrical Engineering, Kyushu University, Japan
- PS-11-2 Training of Registered Dietitians to Provide Home-visit Nutritional and Dietary Guidance in Japan**
Ikuko Nakamura¹, Kayoko Maeda², Yayoi Tanaka³
¹Department of Nutrition, Social Welfare, Nayloro City University, Japan, ²Department of Food Sciences and Nutrition, Faculty of Human Environmental Sciences, Mukogawa Women's University, Japan, ³Department of Management Nutrition, College of Nutrition, Kanto Gakuin University, Japan
- PS-11-3 Nutritional Status and Health-related Quality of Life of Elderly People Who Have Just Started Using a Meal Delivery Service**
Masami Baba^{1,2}
¹Nutrition Management Department, Zenjokai Rehabilitation Hospital, Japan, ²Community Support Department, Nutrition Care-station Community LIFE Nagoya, Japan
- PS-11-5 Relationship between Eating Alone and Poor Appetite Using the Simplified Nutritional Appetite Questionnaire among Community-dwelling Older Japanese**
Yurie Mikami¹, Keiko Motokawa¹, Maki Shirobe², Ayako Edahiro¹, Yuki Ohara¹, Masanori Iwasaki¹, Misato Hayakawa³, Yutaka Watanabe⁴, Hiroki Inagaki¹, Hunkyung Kim¹, Shoji Shinkai⁵, Shuichi Awata¹, Hirohiko Hirano¹
¹Research Team for Promoting Independence and Mental Health, Tokyo Metropolitan Institute of Gerontology, Japan, ²The Tokyo Metropolitan Support Center for Preventative Long-term and Frail Elderly Care, Tokyo Metropolitan Institute of Gerontology, Japan, ³Integrated Research Initiative for Living Well with Dementia, Tokyo Metropolitan Institute of Gerontology, Japan, ⁴Gerodontology, Department of Oral Health Science, Faculty of Dental Medicine, Hokkaido University, Japan, ⁵Department of Nutrition, Kagawa Nutrition University, Japan
- PS-11-6 Activities of Home-visiting Registered Dietitians during the COVID-19 Pandemic**
Keiko Inoue, Kayoko Maeda, Ikuko Nakamura, Kotomi Kumagai, Junko Shionozaki, Kazuyo Yasuda, Kumiko Yoneyama, Minako Hanamoto
The Japan Home Nutrition Management Society, Japan
- PS-11-7 Jointly Develop and Sell Health Lunch Boxes with Local Supermarkets**
Minako Shinkai¹, Rie Nakamura¹, Mika Sugiura², Yuko Morinishi³
¹Health Promotion Division, Tokai City Office, Japan, ²Department of Health Support, Aichi Prefectural Chita Health Center, Japan, ³Corporate Planning Department CSR Promotion Group Food Education, Maxvalu Tokai Co., Ltd., Japan
- PS-11-8 Eating Slowly is Associated with Undernutrition Among Community-Dwelling Residents: A Cross-Sectional Study**
Tomio Nakamura
Department of Food Sciences and Human Nutrition, Ryukoku University, Japan
- PS-11-9 Practical Use of a Simplified Evaluation Method for Food Hardness in Nursing Homes**
Tae Tokoi^{1,2}, Emi Watanabe¹, Miho Kogirima¹
¹Food Science and Nutrition, Doshisha Women's College of Liberal Arts, Japan, ²Nutrition Division, Long-Term Care Health Facility Chayamanosato, Japan
- PS-11-10 About Community-based Learning at a Dietitian Training School (Learn in with Collaboration Companies in Akita Prefecture)**
Masako Ito, Aki Akiyama
Healthy Nutrition, Seirei Women's Juniorcollege, Japan

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- PS-11-11 Summary of the Volunteer Activity for 30 Years**
Tamiko Saito^{1,2,3}
¹Ryouikusyoku Planning Lab., Japan, ²Ibaraki Prefecture Dietetic Association, Japan, ³The Japan Dietetic Association, Japan
- PS-11-12 Features of the One-month Menu That Adheres to Reference Values for Salt in Japanese School Lunches**
Kohei Kato
School Lunch, Niiza City Tohoku Elementary School, Japan
- PS-11-13 Influence of School Lunches on Dietary Consciousness and Attitudes among Families of First-grade Elementary Schoolchildren in Japan**
Yuko Naruse¹, Naoko Hirota²
¹Faculty of Human Health and Science, Matsumoto University, Japan, ²Graduate School of Health Science, Matsumoto University, Japan
- PS-11-14 A Cross-sectional Study on the Relationship between Dietary Patterns and Physical Performance in Oldest Old Population of Japanese**
Tao Yu¹, Yuko Oguma^{1,2}, Keiko Asakura³, Yukiko Abe⁴, Yasumichi Arai^{4,5}
¹Graduate School of Health Management, Keio University, Japan, ²Sports Medicine Research Center, Keio University, Japan, ³Department of Environmental and Occupational Health, School of Medicine, Toho University, Japan, ⁴Center for Supercentenarian Medical Research, Keio University, Japan, ⁵Faculty of Nursing and Medical Care, Keio University, Japan
- PS-11-15 A Study on the Usefulness of Providing Nutrition Education Materials for Japanese Elementary School Students : Action of Nutrition Education at the Children's Cafeteria and Elementary School**
Tomomi Kobayashi¹, Naoko Kaneda², Hitomomi Fukuda²
¹Department of Food Science and Nutrition, Mukogawa Women's University, Japan, ²Department of Nutrition and Food Sciences, Tezukayamagakuin University, Japan
- PS-11-16 Current Status of Elementary School Students' Lifestyles in Japan: For Better Nutrition Education in a Children's Cafeteria**
Naoko Kaneda¹, Sachimi Kubo¹, Tomomi Kobayashi², Hitomi Fukuda¹
¹Department of Nutrition and Food Sciences, Tezukayamagakuin University, Japan, ²Department of Food Science and Nutrition, Mukogawa Women's University, Japan
- PS-11-17 Investigation of the Heating Conditions Required for Serving Fluid-boiled Egg (Onsen Tamago) to People with Difficulty in Swallowing**
Naoko Tatsuguchi, Yukie Yanagisawa
Department of Health and Nutrition, Wayo Women's University, Japan
- PS-11-18 Report on a Visit to Meal Service Facilities in the Educational, Medical, and Welfare Sectors in the Kingdom of Thailand**
Hiromi Katsuragi (Ikeda)^{1,2}, Tavipa Boonyaritichai³, Pongtip Sugimoto⁶, Junko Fujikura⁴, Surasak Boonyaritichai⁵
¹Department of Food and Nutrition, Advanced Course of Food Nutrition Junior College, Nihon University, Japan, ²Institute of Nutrition Science, Kagawa Nutrition University, Japan, ³Surasak Medical Clinic, Thailand, ⁴Food Culture and Nutrition, School of Nutrition Sciences, Kagawa Nutrition University, Japan, ⁵Family Medicine, Chiang Mai University, Thailand, ⁶English translation Freelancer, Thailand
- PS-11-19 Nutritional Characteristics of the By-product Bagasse That Arises during the Production of Malt Syrup**
Yuko Honma^{1,2}, Hadjime Nakajima²
¹Department of Nutrition and Health, Faculty of Nutritional Science, Sagami Women's University, Japan, ²Department of Division of Human Ecology, Graduate School of Wayo Women's University, Japan
- PS-11-20 Study Session on Thickeners**
Yuka Torii
Senior Citizen Welfare Center Hidamari, JA Fukuyama, Japan
- PS-11-21 Approach of the Food Education in the Child Restaurant**
Kazumi Watanabe¹, Hirokazu Kimura², Matsumoto Mami²
¹Department of Nutritional Science Faculty of Human Life Science, Shokei University, Japan, ²Department of Nutrition, Seinanjogakuin University, Japan

Programs

- PS-11-22 Development of Healthy Dietary Environments in Workplace Cafeterias through Industry-Academia-Government Collaboration**
Maya Uenobe¹, Nomi Uehara², Miku Takehana²
¹Faculty of Health and Human Development, The University of Nagano, Japan, ²Division of Health Promotion, Nagano Health and Welfare Office, Japan
- PS-11-23 Parents' Willingness to Pay and Intention to Use School Feeding Program at Junior High Schools in Malang Regency, Indonesia**
Ishak H. Octawijaya^{1,2}, Masahide Kondo³, Ai Hori³, Masao Ichikawa³
¹Graduate School of Comprehensive Human Sciences, University of Tsukuba, Japan, ²School of Nutrition and Dietetics, Kanagawa University of Human Services, Japan, ³Faculty of Medicine, University of Tsukuba, Japan
- PS-11-24 Innovative Meal Ordering System for Patient-Centered Service at General Hospital in Taiwan**
Fen-Ling Tseng, Pao-Ju Chiang, Yu-Wen Wang, Mei-Fang Yang
Department of Dietetics & Nutrition, Taipei Veterans General Hospital, Taiwan
- PS-11-25 Actual Conditions and Issues Related to Providing Meals at Small Facilities for People with Disabilities in the Tohoku Region in Japan**
Kikuko Hata, Nanae Sato
Faculty of Nutritional Sciences, Morioka University, Japan

16:00-17:00 **Poster Session: Community Nutrition**

- PS-12-1 Green Action for Environmental Protection in Local Community Hospital**
Hui-Ling Huang, Hsun-Hui Hsieh
The Nutrition and Dietitian Department, Yunlin Christian Hospital, Taiwan
- PS-12-2 Development and Acceptability of New Japanese Menus with Soy-based Meat Substitute**
Yoko Ozaki¹, Tamami Kawakami¹, Saori Kamiya¹, Ngoc Thi Ta², Shigeru Yamamoto², Hitoshi Iizuka¹
¹Menu Department, Quest Computer Company, Japan, ²Asian Nutrition and Food Culture Research Center, Jumonji Univeristy Graduate School, Japan
- PS-12-3 Study on Nutritional Management with the Standard Tables of Food Composition in Japan (8th Revision) for the Practice of Food Service Management Class**
Tetsuko Okabe¹, Shuko Yamabe², Itsumi Watanabe²
¹School of Nursing and Nutrition, Tenshi College, Japan, ²School of Health Sciences, Sapporo University of Health Sciences, Japan
- PS-12-4 Questionnaire Survey Results on Chewing and Swallowing of 90 People Who Participated in the Health Class**
Naomi Katayama
Health ad Nutrition, Nagoya Women's Universty, Japan
- PS-12-5 Tongue Pressure and Health and Nutritional Status of Japanese Aged Women Who Do Not Need Elderly Care**
Hiromi Ueno, Misaki Ono, Aiko Oniki, Shoko Maeda, Mana Miya, Kyoka Fujii, Ryoka Eura, Shuji Nakano, Masaki Kato, Keiko Watanabe
Nutrition Clinic, Nakamura Gakuen Univercity, Japan
- PS-12-6 Assessing The Nutritional Status of The Elderly in The Nursing Home**
Yi-Chin Tang
Internal Medicine, Taipei City Hospital, Taiwan
- PS-12-7 Universal Restaurant**
Ayumi Kikuchi
Nutrition Section, Public Relations Department, Labo Annex Co. Ltd, Japan
- PS-12-8 Achievement of an International Support Grant Program for NGO Activities on "Food and Nutrition"**
Eriko Kondo, Kenji Shinkai
AIN&VINEP Team, The Ajinomoto Foundation, Japan

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- PS-12-9 Support Programs to Promote Specific Health Checkups and Enhance the Effectiveness of Specific Health Guidance. – Focusing on Support for Public Health Dietitians**
Shoko Okumura¹, Yumi Kuwabara², Yuri Goto³
¹Department of Food Science and Human Nutrition, Fuji Women's University, Japan, ²Department of Public Health, Sapporo Medical University, School of Medicine, Japan, ³Department of Sports Instruction, Sapporo International University, Japan
- PS-12-10 Relationship among Employee Turnover Frequency, Job Satisfaction and Food Safety Culture in School Foodservice**
Kahori Fujisaki¹, Rie Akamatsu²
¹Department of Nutritional Management, Sagami Women's University, Japan, ²Natural Science Division, Faculty of Core Research, Ochanomizu University, Japan
- PS-12-11 Examination of Optimum Heating Time for Ease of Swallowing Vacuum-cooked Food**
Nana Nakashima
Division of Food and Health Environmental Sciences, Faculty of Environmental and Symbiotic Sciences, Prefectural University of Kumamoto, Japan
- PS-12-12 Development of a Dysphagia Diet at Our Hospital through Multi-professional Collaboration Following Japanese Dysphagia Diet 2013 by the JS DR Dysphagia Diet Committee (JDD2013)**
Mikiko Fuda¹, Saki Tamayama¹, Tomoko Okamoto²
¹Nourishment Management Office, Tohoku University Hospital, Japan, ²Department of Nutrition, School of Health Sciences, Sapporo University of Health Sciences, Japan
- PS-12-13 Examination of Using a Steam Convection Oven with a Cook-Chill System for White Rice**
Naoko Otsuki^{1,2}, Miho Nakamura², Midori Kurokawa³, Yoko Ichikawa^{1,2}
¹School of Food and Nutritional Sciences, University of Shizuoka, Japan, ²Graduate School of Integrated Pharmaceutical and Nutritional Sciences, University of Shizuoka, Japan, ³Solution Technology, Tokyo Gas Company, Japan
- PS-12-14 An Evaluation of the Mental Health of Parents of Infants and Toddlers and the Diversity in Parenting Support during the COVID-19 Pandemic**
Junko Nakamura¹, Yoko Maruyama², Noriko Kawakami², Yuki Imai², Aiko Tanabe², Ayako Takano²
¹Health and Nutrition, Niigata University of Health and Welfare, Japan, ²Health Promotion Division, Health and Welfare Department, Tsubame City Health Center, Japan
- PS-12-15 Effects of Nutrition Education Intervention for Patients in Kasungu District, Malawi**
Ai Yasudomi¹, Chigomezgo Msowya², Miki Miyoshi¹
¹Graduate School of Health Sciences, Aomori University of Health and Welfare, Japan, ²Environmental Health, Kasungu District Hospital, Ministry of Health, Malawi
- PS-12-16 Ryukyu's Food Medicine Book Is the Key, Okinawa Used to Be an Island of Longevity**
Yukie Miyaguni, Yuka Nagamine, Hitomi Shiokawa
Yakuzenryuka, Japan
- PS-12-17 Characteristics of Nutritional Problems in Guatemala: Major Findings through the Japan International Cooperation Agency (JICA) Volunteer Activities**
Masaya Fujii, Miki Miyoshi
Graduate School of Health Sciences, Aomori University of Health and Welfare, Japan
- PS-12-18 A Vegetable-Based Approach to School Meals in Japan - A Case Study of School Meals at Linden Hall Elementary School and High School Using 100% Organic Vegetables**
Haruka Kubota¹, Asahi Ota², Tomoko Kato²
¹Nutrition and Food Safety Management, Linden Hall Elementary School, Japan, ²Nutritional Education, Allsta General Incorporated Association, Japan

Programs

- PS-12-19 Significance of an On-site Registered Dietitian for the Spread in Uptake of the “Smart Meal” Certification System in Office Meal Services**
Junko Tamaru¹, Takako Takahashi², Tomoko Koda³, Akiko Kuwabara⁴, Jun Uda⁵, Tadashi Akao⁶, Yoko Ichikawa⁷
¹Faculty of Nutrition, Kobe Gakuin University, Japan, ²Department of Food and Nutrition, Graduate School of Human Life Science, Osaka City University, Japan, ³Department of Food Science and Nutrition, Faculty of Human Life and Science, Doshisha Women’s College of Liberal Arts, Japan, ⁴Department of Clinical Nutrition, Graduate School of Comprehensive Rehabilitation, Osaka Prefecture University, Japan, ⁵Graduate School of Medical Safety Management, Jikei University of Health Care Sciences, Japan, ⁶Faculty of Health and Nutrition, Osaka Shoin Women’s University, Japan, ⁷School of Food and Nutritional Sciences, University of Shizuoka, Japan
- PS-12-20 Social Contribution Activities of Registered Dietitians in Local Supermarkets**
Naoko Morimoto
Safe and Reliable, Kyoei Co.,Ltd, Japan
- PS-12-21 Nutrient Intakes of Community-dwelling Elderly People**
Hideko Kanamitsu, Yuki Kanaya, Hiroko Ohwada
Department of Health and Nutrition, Yamagata Prefectural Yonezawa University of Nutrition Sciences, Japan
- PS-12-22 Utility of Combination Oven in Practice of Food Service Management**
Yu Koyama
Food and Nutrition Junior College, NIHON University, Japan
- PS-12-23 Promoting the Local Production and Consumption of Organic Agricultural Products through School Lunches**
Keiko Abe
Food and Nutrition, The University of Aizu, Junior College Division, Japan
- PS-12-24 Relationship between the Modern Japanese Diet Index (JDI-12) and Gut Microbiota in Japanese Female University Students: A Cross-sectional Study**
Genya Okada¹, Nazuna Kariyada¹, Shiori Ueno¹, Shinta Ishizu¹, Mabuchi Ryota², Chisako Kambara¹, Shota Tanimoto¹, Tamotsu Fujii¹
¹Department of Health Sciences, Prefectural University of Hiroshima, Japan, ²Department of Local Resources, Prefectural University of Hiroshima, Japan