

POSTER PRESENTATIONS

(September 15, 2025)

| Poster No | Poster ID | Posters |
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| P1 | ID: 1047 | Isolation of Bovine Muscle Satellite Cells using Magnetic-Activated Cell Sorting for Cell-Based Meat Production Sungkwon Park - Sejong University (South Korea) |
| P2 | ID: 1071 | A combination of Lagerstroemia and Cinnamomum vs. Standard Therapy in Prediabetes Management: A Retrospective Data Eduward Thendiono - Bunda Hospital Gorontalo (Indonesia) |
| P3 | ID: 1074 | A Microbial Metabolite n-Butyrate Regulates Intestinal Claudin-23 Expression in Mouse Colon and Human Intestinal Caco-2 Cells Takuya Suzuki - Hiroshima University (Japan) |
| P4 | ID: 1084 | Lymphatic Absorption of Odd-Chain Plasmalogens from Microbial Sources in the Rat Small Intestine Megumi Nishimukai - Iwate University (Japan) |
| P5 | ID: 1085 | Dietary Soybean Fiber Upregulate Antimicrobial Peptides in the Mouse Small Intestine via a Tuft Cells-ILC2 Axis Arslan Ahmad - Hiroshima University (Japan) |
| P6 | ID: 1087 | Integrative Evaluation of Marine Bioresources for Metabolic Syndrome: Evidence Synthesis and <i>in vitro</i> Validation Jin-Taek Hwang - Korea Food Research Institute (Republic of Korea) |
| P7 | ID: 1094 | Novel Anti-atrophic Peptide Isolated from Olive Flounder Surimi as a Nutraceutical Additive against TNF- α Induced Muscle Atrophy Nisansala Liyanage - Jeju National University (Republic of Korea) |
| P8 | ID: 1097 | Effects of Hydrolysates Derived from Horse Mackerel (<i>Trachurus japonicus</i>) By-products on Serum Lipid Contents in Mice Shunsuke Sonoda - Kansai University (Japan) |
| P9 | ID: 1098 | Tetrahydrocurcumin Improves Perfluorooctanesulfonic Acid-Impaired Glucagon-like Peptide 1 Expression and Intestinal Dysfunction Yu-Hsien Hsieh - National Kaohsiung University of Science and Technology (Taiwan) |
| P10 | ID: 1100 | Marine Bioactive Hydrolysate from Blue Mussel (<i>Mytilus edulis</i>) Promotes Muscle Regeneration R.P.G.S.K. Amarasiri - Jeju National University (Republic of Korea) |
| P11 | ID: 1103 | Study on Anti-inflammatory Effects of Ethanol Extract from Diatom <i>Nitzschia cf. Inconspicua</i> <i>in vitro</i> and <i>in vivo</i> Fu Jia - Jeju National University (Republic of Korea) |
| P12 | ID: 1109 | Study of Fucoidan from Inedible Brown Seaweed <i>Sargassum thunbergii</i> on Immuno-enhancing Effect <i>in vitro</i> and <i>in vivo</i> Li Yiqiao - Jeju National University (Republic of Korea) |
| P13 | ID: 1112 | Antioxidant Effects of <i>Pseudoalteromonas piscicida</i> Extract via Nrf2/Keap1 Pathway in Oxidative Stress Zebrafish Models Jun-Geon Je - Jeju National University (Korea) |
| P14 | ID: 1114 | Fucoidan from <i>Ecklonia maxima</i> Attenuates Particulate Matter-Induced Inflammation via TLR-Mediated NF- κ B/MAPK Pathway Inhibition Dinusha Shiromala Dissanayake - Jeju National University (Republic of Korea) |
| P15 | ID: 1121 | Therapeutic Potential of Sesame and Perilla unsaponifiable Matter in Non-alcoholic Fatty Liver Disease (NAFLD) |

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| | | <u>Junsoo Lee</u> - Chungbuk National University (South Korea) |
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| P16 | ID: 1127 | Type II Collagen from the Cartilage of Sturgeon and Type I Collagen from the Tilapia Skin Modulate Fibroblast Function to Promote Diabetic Wound Healing Minhui Wang – National Kaohsiung University (Taiwan) |
| P17 | ID: 1128 | Tetrahydrocurcumin Improves Perfluorooctanesulfonic Acid-induced Liver Damage in Adult Mice: Potential Treatment for Nonalcoholic Fatty Liver Disease Yu Chen Huang - National Kaohsiung University of Science and Technology (Taiwan) |
| P18 | ID: 1142 | Potential Effects of Tetrahydrocurcumin on Improving Non-Alcoholic Fatty Pancreas Disease Chen Jung - National Kaohsiung University of Science and Technology (Taiwan) |
| P19 | ID: 1143 | Fermented Food Products Rich in Vitamin K Derivatives Modulate Cytokine Production in Raw 264.7 Macrophages Magdalena Franczyk-Żarów - University of Agriculture in Krakow (Poland) |
| P20 | ID: 1145 | An Evaluation of Gum Arabic as a Hyp-Peptide Absorbable Plant-Based Food by Human and Animal Study Kotoko Yamada - Tokyo Kasei University (Japan) |
| P21 | ID: 1147 | Type II Collagen from Cartilage of <i>Acipenser baerii</i> Protects Against MGO-Induced Inhibition of Osteoblast Maturation and Bone Matrix Mineralization Mei-Ling Tsai - National Kaohsiung University of Science and Technology (Taiwan) |
| P22 | ID: 1159 | Evaluation of Multi-Nutrient Formulations for Relieving UVB-Induced Dry Eye Symptoms in a Mouse Model Yi-Ling Lin - Chung Shan Medical University (Taiwan) |
| P23 | ID: 1160 | Ishophloroglucin A Alleviates Hyperglycemia by Intracellular Calcium Level in in-vitro and in-vivo Models Hye-Won Yang - Jeju National University (Republic of Korea) |
| P24 | ID: 1162 | Revealing Molecular Mechanism of Guava Leaves in Combating Type 2 Diabetes Bincheng Han - Normal-Hong Kong Baptist University (China) |
| P25 | ID: 1163 | Soyasaponin Ba Alleviates Lipid Accumulation via Mitochondrial Remodeling: Multi-Omics Insights Jinhai Luo - Beijing Normal-Hong Kong Baptist University (China) |
| P26 | ID: 1174 | Tetrahydrocurcumin Improves the Intestinal Barrier Dysfunction in the Male Offspring with Maternal Di-2-ethylhexyl Phthalate Exposure Ching-Shu Lai - National Kaohsiung University of Science and Technology (Taiwan) |
| P27 | ID: 1175 | The Effect Sprats Addition to the Experimental Diets on Selected Vitamin Content in Serum of Rats Aneta Kopeć - University of Agriculture in Kraków (Poland) |
| P28 | ID: 1181 | Neuroprotective and Cognitive Function-Enhancing Effects of Sarunashi (<i>Actinidia arguta</i>) Fruit-Derived Nanovesicles Kanami Sugimura - Shinshu University (Japan) |
| P29 | ID: 1182 | Effect of Phosphorylation of Fag e 2, a Major Buckwheat Allergen, on intestinal IgA Production in Mice Kensuke Takamiya - Shinshu University (Japan) |
| P30 | ID: 1203 | Polyphenolic Extracts from South African Medicinal Plants: Antioxidant Capacity, Gut Microbiota Modulation, and Therapeutic Potential against Metabolic Syndrome Prof Samson Mashele - Central University of Technology State (South Africa) |

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| P31 | ID: 1051 | Effect of Sprouting on the Nutritional Composition and Functional Properties of Pearl Millet (<i>Pennisetum glaucum</i>) Tawakaltu Abdulrasheed-Adeleke - Federal University of Technology (Nigeria) |
| P32 | ID: 1052 | Development of pH-Responsive Food Packaging from Chitosan Incorporated with Nano-Curcumin and Anthocyanin from Black Mulberry (<i>Morus nigra</i> L.) Vo Truong Duy Han - International University - Vietnam National University (Vietnam) |
| P33 | ID: 1054 | Occurrence and Risk Assessment of Arsenic, Mercury, Cadmium and Lead in Infant Foods in Nigeria Hadiza Kudu Muhammad - Federal University of Technology (Nigeria) |
| P34 | ID: 1060 | Safety Evaluation of Quercetin in Food Joon-Goo Lee - Seoul National University of Science and Technology (South Korea) |
| P35 | ID: 1061 | Food Consumption in English Medium School Children During Covid-19 Nabhira Aftabi Binte Islam - Bangladesh Medical University (Bangladesh) |
| P36 | ID: 1068 | Selected Trace Elements Content in Rats Fed Diet with Addition of Sardines Aneta Kopeć - University of Agriculture in Kraków (Poland) |
| P37 | ID: 1083 | Effects of Domestic Heating Method on Volatile, Non-Volatile Compounds, and Sensory Profiles of Katuk (<i>Sauropus androgynus</i>) Leaves Ardy Ardiansyah - Universitas Bakrie (Indonesia) |
| P38 | ID: 1096 | Cold Plasma-Treated Water Enables the Recovery of Bound Phenolics from Red Seaweed (<i>Mazzaella japonica</i>): Phenolic Profiling and Antioxidant Assessment Abul Hossain - The University of British Columbia (Canada) |
| P39 | ID: 1106 | Seasonal Variability in Essential Oil Composition of Scots Pine (<i>Pinus sylvestris</i>) Needles Isolated by Hydro-Distillation and Supercritical CO ₂ Extraction Petras Rimantas Venskutonis - Kaunas University of Technology (Lithuania) |
| P40 | ID: 1116 | Physicochemical Properties and Biological Activities of Different Parts of <i>Abelmoschus manihot</i> Jung Yoon Jang - Chungbuk National University (South Korea) |
| P41 | ID: 1117 | Physicochemical Properties of Sesame and Perilla Seed Meal Protein Hydrolysates Eunchae Oh - Chungbuk National University (South Korea) |
| P42 | ID: 1118 | Optimization of Ingredient Mixing Ratio for Textured Vegetable Protein Based on Isolated Soybean Meal Protein by Mixture Experimental Design Dong Hyeon Jeong - Chungbuk National University (South Korea) |
| P43 | ID: 1119 | Quality Characteristics of Isolated Protein from Soybean (<i>Glycine max</i> L. Merr.) Processing By-Products Seung Yeon Lee - Chungbuk National University (South Korea) |
| P44 | ID: 1120 | Physicochemical Properties of Protein Isolate from Defatted Peanut Flour with Different Extraction Conditions Gaon Park - Chungbuk National University (South Korea) |
| P45 | ID: 1123 | Changes in Polyphenol Content and Antioxidant Activity in Wasabi Flowers at Five Growth Stages from Bud to Post-Blooming China Minoshima - Tokyo Kasei University (Japan) |
| P46 | ID: 1124 | Upcycling of Discarded Wakame Stipes: Extraction of Fucoidan and Its Ice Recrystallization Inhibition Properties Misaki Shiba - Tokyo University of Marine Science and Technology (Japan) |

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| P47 | ID: 1139 | <i>In Vitro</i> Evaluation of Rosmarinic and Carnosic Acid-Enriched Food Matrices: Antioxidant, Cytoprotective, and Shelf-Life Enhancing Effects <u>Olaturunji Salako</u> - University of West Attica (Greece) |
| P48 | ID: 1140 | Detection of Rice Derived Major γ -Oryzanol, Cycloartenyl Ferulate and 24-Methylene Cycloartenyl Ferulate in Hen Eggs after Feeding Brown Rice and Rice Oil <u>Haruka Oikawa</u> - Tokyo Kasei University (Japan) |
| P49 | ID: 1150 | Sustainable Fermentation of Cordyceps militaris using Agricultural Byproducts to Enhance Functional Bioactives <u>Shu-Yao Tsai</u> - National Formosa University (Taiwan) |
| P50 | ID: 1156 | Ice Recrystallization Inhibition Activity of Mucopolysaccharides Derived from Squid Ink <u>Haruna Kinjo</u> - Tokyo University of Marine Science and Technology (Japan) |
| P51 | ID: 1169 | LED-UVB Irradiation at 295 and 310 nm Enhances Vitamin D ₂ and Bioactive Compounds in Golden Oyster Mushroom Extracts for Capsule-Based Nutraceutical Development <u>Yun-An Liu</u> - National Formosa University (Taiwan) |
| P52 | ID: 1171 | Enhancing Oil Retention in Structured Fats via MRI and Rheological Characterization <u>Farnaz Maleky</u> - The Ohio State University (USA) |
| P53 | ID: 1187 | Determination of the Glycemic Index (GI) of Purple Yam (Dioscorea alata) in Vietnam <u>Khanh Cao Cong</u> - National Institute for Food Control (Vietnam) |
| P54 | ID: 1194 | Variation in Bioactive Compounds, Antioxidant, and Antimicrobial Activities of Extract of Peel and Pulp of Pakistani Apple Varieties <u>Asma Sabir</u> - University of Chinese Academy of Sciences (China) |
| P55 | ID: 1198 | Barley as a Model for Mapping Polyamines in Cereal Grain Tissues <u>Trust Beta</u> - University of Manitoba (Canada) |
| P56 | ID: 1199 | Antifungal Properties of Asparagus officinalis extracts against Food-Contaminating Fungal Pathogens: A Natural Approach to Improving Food Safety and Quality <u>Agnieszka Waskiewicz</u> - Poznan University of Life Sciences (Poland) |
| P57 | ID: 1200 | The Effect of Mulberry (Morus L.) Leaf Extract on Fusarium proliferatum Growth and Mycotoxins Biosynthesis <u>Agnieszka Waskiewicz</u> - Poznan University of Life Sciences (Poland) |
| P58 | ID: 1202 | Design of Innovative Fermented Beverages Based on Bakery Waste and Chokeberry Pomace <u>Daniela Gwiazdowska</u> - Institute of Quality Science, Poznań University of Economic and Business (Poland) |
| P59 | ID: 1215 | From Pigmented Rice to Functional Rice Noodles: Nutritional Benefits and Quality Improvements via Potato Starch <u>Anh K Hoang</u> - Faculty of Food Technology, Saigon Technology University, Vietnam |
| P60 | 1214 | Valorizing Agri-Food Residuals into Bioactive Substrates for High-Value Medicinal Plant Cultivation in the Vietnamese Mekong Delta <u>Hong Quan Nguyen</u> - Institute for Circular Economy Development, Vietnam Nation |