

ISNFF 2025

POSTER PRESENTATIONS (September 15, 2025)

Poster No	Poster ID	Posters
1	ID: 1047	<p>Isolation of Bovine Muscle Satellite Cells using Magnetic-Activated Cell Sorting for Cell-Based Meat Production</p> <p><u>Sungkwon Park</u> *</p> <p><i>Food Science & Biotechnology, Sejong University, Seoul, South Korea</i></p>
2	ID: 1069	<p>Structure–Activity Relationship–Based Modulation of Aβ and Tau Pathology by Honokiol: Toward Multi-Target Prevention of Alzheimer's Disease</p> <p><u>Kumju Youn</u> * ¹, Eunkyo Hur², Mira Jun³</p> <p>¹ <i>Department of Food Science and Nutrition, Dong-A University, Busan 49315, Korea; Center for Food & Bio Innovation, Dong-A University, Busan 49315, Korea</i></p> <p>² <i>Department of Health Sciences, The graduate School of Dong-A University, Busan 49315, Korea</i></p> <p>³ <i>Department of Food Science and Nutrition, Dong-A University, Busan 49315, Korea; Center for Food & Bio Innovation, Dong-A University, Busan 49315, Korea; Department of Health Sciences, The graduate School of Dong-A University, Busan 49315, Korea</i></p>
3	ID: 1070	<p>Fucoxanthin Enhances Autophagic Flux and Ferroptosis-Related Antioxidant Defense in an Alzheimer's Disease Model</p> <p>Nayoung Lee¹, <u>Mira Jun</u> * ²</p> <p>¹ <i>Department of Health Sciences The Graduate School of Dong-A University Busan 49315 Korea</i></p> <p>² <i>Department of Health Sciences The Graduate School of Dong-A University Busan 49315 Korea, Department of Food Science and Nutrition Dong-A University Busan 49315 Korea, Center for Food & Bio Innovation Dong-A University Busan 49315 Korea</i></p>
4	ID: 1071	<p>A combination of Lagerstroemia and Cinnamomum vs. Standard Therapy in Prediabetes Management: A Retrospective Data</p> <p><u>Eduward Thendiono</u> *, suryadi dharmawan, jeane thendiono-dharmawan</p> <p><i>Bunda Hospital Gorontalo, Gorontalo, Indonesia</i></p>
5	ID: 1074	<p>A Microbial Metabolite n-Butyrate Regulates Intestinal Claudin-23 Expression in Mouse Colon and Human Intestinal Caco-2 Cells</p> <p>Wenxi Xu, Dina Mustika Rini, <u>Takuya SUZUKI</u> *</p> <p><i>Graduate School of Integrated Sciences for Life, Hiroshima University, Hiroshima, Japan</i></p>
6	ID: 1084	<p>Lymphatic Absorption of Odd-Chain Plasmalogens from Microbial Sources in the Rat Small Intestine</p> <p><u>Megumi Nishimukai</u> * ¹, Nana Sato¹, Akiko Kashiwagi², Miwa Miwa¹</p> <p>¹ <i>Iwate University, Morioka, Japan</i></p> <p>² <i>Hiroshima University, Hiroshima, Japan</i></p>
7	ID: 1085	<p>Dietary Soybean Fiber Upregulate Antimicrobial Peptides in the Mouse Small Intestine via a Tuft Cells-ILC2 Axis</p>

		<p><u>Arslan Ahmad</u>[*], Bambang Dwi Wijatniko, Adrian Hilman, Claudia Siueia, Yoshiki Ishii, Dina Mustika Rini, Takuya Suzuki <i>Graduate School of Integrated Sciences for Life, Hiroshima University, Higashi-Hiroshima, Japan</i></p>
8	ID: 1087	<p>Integrative Evaluation of Marine Bioresources for Metabolic Syndrome: Evidence Synthesis and <i>in vitro</i> Validation</p> <p>Soo Hyun Park¹, Seon Kyeong Park², Jae-In Lee³, <u>Jin-Taek Hwang</u>^{* 3} ¹ <i>Korea Food Research Institute</i> ² <i>Korea Food Research Institute, Wanju-gun, Jeonbuk-do 55365, Republic of Korea</i> ³ <i>Korea Food Research Institute, Republic of Korea</i></p>
9	ID: 1094	<p>Novel Anti-atrophic Peptide Isolated from Olive Flounder Surimi as a Nutraceutical Additive against TNF-α Induced Muscle Atrophy</p> <p><u>Nisansala Liyanage</u>^{* 1}, D.P Nagahawatta², Kyung-yuk Ko¹, You-Jin Jeon¹ ¹ <i>Department of Marine Life Sciences, Jeju National University, Jeju 690-756, Republic of Korea</i> ² <i>Department of Medicine, Faculty of Medicine and Dentistry, University of Alberta, Edmonton, AB, T6G 2B7, Canada</i></p>
10	ID: 1097	<p>Effects of Hydrolysates Derived from Horse Mackerel (<i>Trachurus japonicus</i>) By-products on Serum Lipid Contents in Mice</p> <p><u>Shunsuke Sonoda</u>^{* 1}, Ryota Hosomi¹, Izumi Iwata², Taikai Takahashi², Naoki Kadotani², Katsuou Kuroki³, Yuki Murakami⁴, Kenji Fukunaga¹ ¹ <i>Department of Life Science and Biotechnology, Kansai University, Osaka, Japan</i> ² <i>Kadoya Foods Co., Ltd., Japan</i> ³ <i>Kandagiko Co., Ltd., Japan</i> ⁴ <i>Department of Hygiene and Public Health, Kansai Medical University, Osaka, Japan</i></p>
11	ID: 1098	<p>Tetrahydrocurcumin Improves Perfluorooctanesulfonic Acid-Impaired Glucagon-like Peptide 1 Expression and Intestinal Dysfunction</p> <p><u>Yu-Hsien Hsieh</u>^{* 1}, Chi-Tang Ho², Ching-Shu Lai¹ ¹ <i>Department of Seafood Science, National Kaohsiung University of Science and Technology, Kaohsiung, Taiwan</i> ² <i>Department of Food Science, Rutgers University, New Brunswick, NJ, USA</i></p>
12	ID: 1100	<p>Marine Bioactive Hydrolysate from Blue Mussel (<i>Mytilus edulis</i>) Promotes Muscle Regeneration</p> <p><u>R.P.G.S.K. Amarasiri</u>^{* 1}, Jimin Hyun², Sang-Woon Lee¹, Jun-Geon Je¹, Hye Won Yang¹, Young-Sang Kim¹, You-Jin Jeon¹ ¹ <i>Department of Marine Life Sciences, Jeju National University, Jeju 63243, Republic of Korea</i> ² <i>Department of Food Science and Nutrition, Pukyong National University, Busan 48513, Republic of Korea</i></p>
13	ID: 1103	<p>Study on Anti-inflammatory Effects of Ethanol Extract from Diatom <i>Nitzschia cf. Inconspicua</i> <i>in vitro</i> and <i>in vivo</i></p> <p><u>Fu Jia</u>[*], Wang Xueyu, Je Jun-Geon, Jeon You-Jin <i>Department of Marine Life Sciences, Jeju National University, Jeju Self-Governing Province 63243, Republic of Korea</i></p>
14	ID: 1109	<p>Study of Fucoidan from Inedible Brown Seaweed <i>Sargassum thunbergii</i> on Immuno-enhancing Effect <i>in vitro</i> and <i>in vivo</i></p>

		<p><u>LI Yiqiao</u> * , Jun-Geon Je, You-Jin Jeon <i>Department of Marine Life Sciences, Jeju National University, Jeju Self-Governing Province 63243, Republic of Korea</i></p>
15	ID: 1112	<p>Antioxidant Effects of <i>Pseudoalteromonas piscicida</i> Extract via Nrf2/Keap1 Pathway in Oxidative Stress Zebrafish Models</p> <p><u>JUN-GEON JE</u> * ¹, R.P.G.S.K. Amarasiri¹, HYO GEUN LEE², YOU JIN JEON¹ ¹ <i>Department of Marine Life Sciences, Jeju National University, Jeju 63243, Korea</i> ² <i>Division of Marine Bio Industrialization, National Marine Biodiversity Institute of Korea, Seochon 33662, Korea</i></p>
16	ID: 1114	<p>Fucoidan from <i>Ecklonia maxima</i> Attenuates Particulate Matter-Induced Inflammation via TLR-Mediated NF-κB/MAPK Pathway Inhibition</p> <p><u>Dinusha Shiromala Dissanayake</u> * ¹, Dineth Pramuditha Nagahawatta², Nisansala Madushani Liyanage¹, Young-Sang Kim¹, Kyung-Yuk Ko¹, You-Jin Jeon³ ¹ <i>Department of Marine Life Science, Jeju National University, Jeju, Republic of Korea</i> ² <i>Department of Medicine, Faculty of Medicine and Dentistry, University of Alberta, Edmonton, AB, T6G 2B7, Canada</i> ³ <i>Department of Marine Life Science, Jeju National University, Jeju, Republic of Korea</i></p>
17	ID: 1121	<p>Therapeutic Potential of Sesame and Perilla unsaponifiable Matter in Non-alcoholic Fatty Liver Disease (NAFLD)</p> <p><u>Junsoo Lee</u> * , Jihyeon Yang, Hana Lee, Seonghwa Hong <i>Department of Food Science and Biotechnology, Chungbuk National University, Cheongju, South Korea</i></p>
18	ID: 1127	<p>Type II Collagen from the Cartilage of Sturgeon and Type I Collagen from the Tilapia Skin Modulate Fibroblast Function to Promote Diabetic Wound Healing</p> <p><u>Minhui Wang</u> * , Chingshu Lai, Meilin Tsai <i>Department of Seafood Science, National Kaohsiung University of Science and Technology, No.142, Haijhuang Rd., Nanzih Dist., Kaohsiung City 811157, Taiwan</i></p>
19	ID: 1128	<p>Tetrahydrocurcumin Improves Perfluorooctanesulfonic Acid-induced Liver Damage in Adult Mice: Potential Treatment for Nonalcoholic Fatty Liver Disease</p> <p><u>Yu chen Huang</u> * ¹, Chi-Tang Ho², Ching-Shu Lai¹ ¹ <i>Department of Seafood Science, National Kaohsiung University of Science and Technology, Kaohsiung, Taiwan</i> ² <i>Department of Food Science, Rutgers University, New Brunswick, NJ, USA</i></p>
20	ID: 1142	<p>Potential Effects of Tetrahydrocurcumin on Improving Non-Alcoholic Fatty Pancreas Disease</p> <p><u>Chen Jung</u> * ¹, Ching-Shu Lai¹, Chi-Tang Ho² ¹ <i>National Kaohsiung University of Science and Technology, Kaohsiung, Taiwan</i> ² <i>Department of Food Science, Rutgers University, New Brunswick, NJ, USA</i></p>
21	ID: 1143	<p>Fermented Food Products Rich in Vitamin K Derivatives Modulate Cytokine Production in Raw 264.7 Macrophages</p> <p>Maja Grabacka, Hayat Hassen, Mathew Auta, Renata B. Kostogrys, <u>Magdalena Franczyk-Żarów</u> * <i>University of Agriculture in Krakow, 21 A. Mickiewicz Av. 31-120 Krakow, Poland</i></p>
22	ID: 1145	<p>An Evaluation of Gum Arabic as a Hyp-Peptide Absorbable Plant-Based Food by Human and Animal Study</p>

		<p><u>Kotoko Yamada</u> *¹, Megumi Hosokawa¹, Yu Iwasaki², Yuki Taga², Yasutaka Shigemura¹ ¹ Department of Food and Nutritional Science, Tokyo Kasei University, Japan ² Nippi Research Institute of Biomatrix, Japan</p>
23	ID: 1147	<p>Type II Collagen from Cartilage of <i>Acipenser baerii</i> Protects Against MGO-Induced Inhibition of Osteoblast Maturation and Bone Matrix Mineralization</p> <p><u>Mei-Ling Tsai</u> *¹, Jin-Wen Chen¹, Ching-Shu Lai¹, Kuo-Chuan Chen² ¹ Department of Seafood Science, National Kaohsiung University of Science and Technology, Kaohsiung, 81157, Taiwan ² TITAN BIOLOGICAL TECHNOLOGYCO., LTD. 4F-7. No. 181, Sec. 2, Taiwan Blvd., West Dist., Taichung City 403, Taiwan</p>
24	ID: 1159	<p>Evaluation of Multi-Nutrient Formulations for Relieving UVB-Induced Dry Eye Symptoms in a Mouse Model</p> <p><u>Yi-Ling Lin</u> *¹, Tsung-Han Lu², Pei-Yi Lin³, Yi-Yun Hung¹, Yen-Ling Sun¹, Chan-Yi Yeh⁴, Han-Hsin Chang⁵, David Pei-Cheng Lin¹ ¹ Department of Medical Laboratory and Biotechnology, Chung Shan Medical University, Taichung City, Taiwan ² Institute of Medicine, Chung Shan Medical University, Taichung City, Taiwan ³ Department of Biomedical Sciences, Chung Shan Medical University, Taichung City, Taiwan ⁴ Shinemate Co., LTD., Tainan City, Taiwan ⁵ Department of Nutrition, Chung Shan Medical University, Taichung City, Taiwan</p>
25	ID: 1160	<p>Ishophloroglucin A Alleviates Hyperglycemia by Intracellular Calcium Level in <i>in-vitro</i> and <i>in-vivo</i> Models</p> <p><u>Hye-Won Yang</u> *¹, Bomi Ryu², You-Jin Jeon¹ ¹ Department of Marine Life Science, Jeju National University, Jeju, 63243, Republic of Korea ² Department of Major of Food Science and Nutrition, Pukyong National University, Busan, 48513, Republic of Korea</p>
26	ID: 1162	<p>Revealing Molecular Mechanism of Guava Leaves in Combating Type 2 Diabetes</p> <p><u>Bincheng HAN</u> * , Baojun XU Food Science and Technology Program, Department of Life Sciences, Beijing Normal-Hong Kong Baptist University, China</p>
27	ID: 1163	<p>Soyasaponin Ba Alleviates Lipid Accumulation via Mitochondrial Remodeling: Multi-Omics Insights</p> <p><u>Jinhai LUO</u> * , Baojun XU Food Science and Technology Program, Department of Life Sciences, Beijing Normal-Hong Kong Baptist University, China</p>
28	ID: 1174	<p>Tetrahydrocurcumin Improves the Intestinal Barrier Dysfunction in the Male Offspring with Maternal Di-2-ethylhexyl Phthalate Exposure</p> <p><u>Ching-Shu Lai</u> *¹, Yu-Chiao Wang¹, Chi-Tang Ho² ¹ Department of Seafood Science, National Kaohsiung University of Science and Technology, Kaohsiung, Taiwan ² Department of Food Science, Rutgers University, New Brunswick, NJ, USA</p>
29	ID: 1175	<p>The Effect Sprats Addition to the Experimental Diets on Selected Vitamin Content in Serum of Rats</p> <p>Urszula Pomietło¹, Sylwester Smoleń², Ewa Piątkowska¹, <u>Aneta Kopeć</u> *¹ ¹ Department of Human Nutrition and Dietetics, Faculty of Food Technology, University of Agriculture in Kraków, Kraków, Poland</p>

		² <i>Department of Plant Biology and Biotechnology, University of Agriculture in Kraków, Al. Mickiewicza 21, 31-120 Kraków, Poland</i>
30	ID: 1181	<p>Neuroprotective and Cognitive Function-Enhancing Effects of Sarunashi (<i>Actinidia arguta</i>) Fruit-Derived Nanovesicles</p> <p><u>Kanami Sugimura</u> *, Mizuho Tanaka, Shigeru Katayama <i>Department of Agriculture, Graduate School of Science and Technology, Shinshu University, Japan</i></p>
31	ID: 1182	<p>Effect of Phosphorylation of Fag e 2, a Major Buckwheat Allergen, on intestinal IgA Production in Mice</p> <p><u>Kensuke Takamiya</u> *, Shigeru Katayama <i>Shinshu University, Japan</i></p>
32	ID: 1203	<p>Polyphenolic Extracts from South African Medicinal Plants: Antioxidant Capacity, Gut Microbiota Modulation, and Therapeutic Potential against Metabolic Syndrome</p> <p><u>Prof Samson Mashele</u> * <i>Central University of Technology State, South Africa</i></p>

ISNFF 2025

POSTER PRESENTATIONS (September 16, 2025)

Poster No	Poster ID	Posters
33	ID: 1051	<p>Effect of Sprouting on the Nutritional Composition and Functional Properties of Pearl Millet (<i>Pennisetum glaucum</i>)</p> <p><u>Tawakaltu Abdulrasheed-Adeleke</u>^{* 1}, Godwin Jimmy Monday²</p> <p>¹ Department of Biochemistry, Federal University of Technology, P.M.B. 65, Minna 920001, Niger State, Nigeria; Africa Centre of Excellence for Mycotoxin and Food Safety (ACEMFS), Federal University of Technology, P.M.B. 65, Minna 920001, Niger State, Nigeri</p> <p>² Department of Biochemistry, Federal University of Technology, P.M.B. 65, Minna 920001, Niger State, Nigeria</p>
34	ID: 1052	<p>Development of pH-Responsive Food Packaging from Chitosan Incorporated with Nano-Curcumin and Anthocyanin from Black Mulberry (<i>Morus nigra</i> L.)</p> <p><u>Vo Truong Duy Han</u>[*], Ngoc Lieu Le</p> <p>School of Biotechnology, Department of Food Technology, International University - Vietnam National University, Ho Chi Minh City, Vietnam</p>
35	ID: 1054	<p>Occurrence and Risk Assessment of Arsenic, Mercury, Cadmium and Lead in Infant Foods in Nigeria</p> <p><u>Hadiza Kudu Muhammad</u>[*], Susan Bekosai Salubuyi, Famous Ifeanyi Ossamulu, Rahina Garba, Hadiza Lami Muhammad, Hussaini Anthony Makun</p> <p>Africa Center of Excellence for Mycotoxin and Food Safety, Department of Biochemistry, Federal University of Technology, Minna, Nigeria</p>
36	ID: 1060	<p>Safety Evaluation of Quercetin in Food</p> <p><u>Joon-Goo Lee</u>[*]</p> <p>Seoul National University of Science and Technology, Seoul, South Korea</p>
37	ID: 1061	<p>Food Consumption in English Medium School Children During Covid-19</p> <p><u>Nabhira Aftabi Binte Islam</u>[*]</p> <p>Bangladesh Medical University, Dhaka, Bangladesh</p>
38	ID: 1068	<p>Selected Trace Elements Content in Rats Fed Diet with Addition of Sardines</p> <p>Urszula Pomietlo¹, Ewa Piątkowska¹, Kinga Dziadek¹, Sylwester Smoleń², <u>Aneta Kopec</u>^{* 1}</p> <p>¹ Department of Human Nutrition and Dietetics, Faculty of Food Technology, University of Agriculture in Kraków, Kraków, Poland</p> <p>² Department of Plant Biology and Biotechnology, University of Agriculture in Kraków, Kraków, Poland</p>
39	ID: 1083	<p>Effects of Domestic Heating Method on Volatile, Non-Volatile Compounds, and Sensory Profiles of Katuk (<i>Sauropus androgynus</i>) Leaves</p> <p><u>Ardy Ardiansyah</u>^{* 1}, Daivy Atiya Advisa¹, Agnissa Linggih Cahyani¹, Rizki Maryam Astuti¹, Nurul Asiah¹, Wahyudi David¹, Duddy Dwi Handoko², Bram Kusbiantoro³</p> <p>¹ Department of Food Science and Technology, Universitas Bakrie, Jakarta, Indonesia</p> <p>² Indonesian Center for Rice Research, Ministry of Agriculture, Subang, Indonesia</p>

		³ Agroindustry Research Center, National Research and Innovation Agency, Tangerang Selatan, Indonesia
40	ID: 1096	<p>Cold Plasma-Treated Water Enables the Recovery of Bound Phenolics from Red Seaweed (<i>Mazzaella japonica</i>): Phenolic Profiling and Antioxidant Assessment</p> <p><u>Abul Hossain</u> *, Muhammad Yasir, Anubhav Pratap-Singh <i>The University of British Columbia, Vancouver, BC, Canada</i></p>
41	ID: 1106	<p>Seasonal Variability in Essential Oil Composition of Scots Pine (<i>Pinus sylvestris</i>) Needles Isolated by Hydro-Distillation and Supercritical CO2 Extraction</p> <p>Jokūbas Kojelis¹, Laura Jūrienė², Renata Baranauskienė², <u>Petras Rimantas Venskutonis</u> * ² ¹ Vilnius Lyceum, Lithuania ² Kaunas University of Technology, Kaunas, Lithuania</p>
42	ID: 1116	<p>Physicochemical Properties and Biological Activities of Different Parts of <i>Abelmoschus manihot</i></p> <p><u>Jung Yoon Jang</u> *, Yeon Jae Jo, Yun Jo Jung, Heon Sang Jeong <i>Department of Food Science and Biotechnology, Chungbuk National University, Cheongju, South Korea</i></p>
43	ID: 1117	<p>Physicochemical Properties of Sesame and Perilla Seed Meal Protein Hydrolysates</p> <p><u>Eunchae Oh</u> *, Yeon Jae Jo, Yun Jo Jung, Heon Sang Jeong <i>Department of Food Science and Biotechnology, Chungbuk National University, Cheongju, South Korea</i></p>
44	ID: 1118	<p>Optimization of Ingredient Mixing Ratio for Textured Vegetable Protein Based on Isolated Soybean Meal Protein by Mixture Experimental Design</p> <p><u>Dong Hyeon Jeong</u> *, Yeon Jae Jo, Yun Jo Jung, Heon Sang Jeong <i>Department of Food Science and Biotechnology, Chungbuk National University, Cheongju, South Korea</i></p>
45	ID: 1119	<p>Quality Characteristics of Isolated Protein from Soybean (<i>Glycine max</i> L. Merr.) Processing By-Products</p> <p><u>Seung Yeon Lee</u> *, Yeon Jae Jo, Yun Jo Jung, Heon Sang Jeong <i>Department of Food Science and Biotechnology, Chungbuk National University, Cheongju, South Korea</i></p>
46	ID: 1120	<p>Physicochemical Properties of Protein Isolate from Defatted Peanut Flour with Different Extraction Conditions</p> <p><u>Gaon Park</u> *, Yeon Jae Jo, Yun Jo Jung, Heon Sang Jeong <i>Department of Food Science and Biotechnology, Chungbuk National University, Cheongju, South Korea</i></p>
47	ID: 1123	<p>Changes in Polyphenol Content and Antioxidant Activity in Wasabi Flowers at Five Growth Stages from Bud to Post-Blooming</p> <p><u>China Minoshima</u> *¹, Megumi Hosokawa¹, Yuri Nakagawa², Kenta Suzuki³, Yoshio Sato¹, Yasutaka Shigemura¹ ¹ Department of Food and Nutritional Science, Tokyo Kasei University, Japan ² S&B Foods Inc. ³ S&B Foods Inc., Tokyo, Japan</p>

48	ID: 1124	<p>Upcycling of Discarded Wakame Stipes: Extraction of Fucoidan and Its Ice Recrystallization Inhibition Properties</p> <p><u>Misaki Shiba</u> *, Mario Shibata, Tomoaki Hagiwara <i>Tokyo University of Marine Science and Technology, Tokyo, Japan</i></p>
49	ID: 1139	<p><i>In Vitro</i> Evaluation of Rosmarinic and Carnosic Acid-Enriched Food Matrices: Antioxidant, Cytoprotective, and Shelf-Life Enhancing Effects</p> <p><u>Olatunji Salako</u> * <i>University of West Attica, Athens, Greece</i></p>
50	ID: 1140	<p>Detection of Rice Derived Major γ-Oryzanol, Cycloartenyl Ferulate and 24-Methylene Cycloartanyl Ferulate in Hen Eggs after Feeding Brown Rice and Rice Oil</p> <p><u>Haruka Oikawa</u> *, Ayaka Iga, Megumi Hosokawa, Satoshi Miyauchi, Yasutaka Shigemura <i>Department of Food and Nutritional Science, Tokyo Kasei University, Osaka, Japan</i></p>
51	ID: 1150	<p>Sustainable Fermentation of <i>Cordyceps militaris</i> using Agricultural Byproducts to Enhance Functional Bioactives</p> <p><u>Shu-Yao Tsai</u> *, Hsin-Ling Ko, Shu-Xuan Wang, Liu Yun-An <i>Department of Biotechnology, National Formosa University, 64, Wunhua Rd., Huwei Township, Yunlin County, Taiwan</i></p>
52	ID: 1156	<p>Ice Recrystallization Inhibition Activity of Mucopolysaccharides Derived from Squid Ink</p> <p><u>Haruna Kinjo</u> *, Mario Sshibata Shibata, Tomoaki Hagiwara <i>Tokyo University of Marine Science and Technology, Tokyo, Japan</i></p>
53	ID: 1169	<p>LED-UVB Irradiation at 295 and 310 nm Enhances Vitamin D₂ and Bioactive Compounds in Golden Oyster Mushroom Extracts for Capsule-Based Nutraceutical Development</p> <p><u>Yun-An Liu</u> *¹, Zhi-Qun Huang¹, Erh-Wen Huang², Chien-Yang Wu³, Shu-Yao Tsai¹ ¹ <i>Department of Biotechnology, National Formosa University, Yunlin, Taiwan</i> ² <i>LeShroom Corporation Limited, Taipei, Taiwan</i> ³ <i>Violumas Taiwan Incorporation, Taoyuan, Taiwan</i></p>
54	ID: 1171	<p>Enhancing Oil Retention in Structured Fats <i>via</i> MRI and Rheological Characterization</p> <p><u>Farnaz Maleky</u> *, Siddharth Vishwakarma, Melissa Marsh, Silvana Martini <i>The Ohio State University, Columbus, OH, USA</i></p>
55	ID: 1187	<p>Determination of the Glycemic Index (GI) of Purple Yam (<i>Dioscorea alata</i>) in Vietnam</p> <p><u>Khanh Cao Cong</u> *¹, Son Tran Cao¹, Anh Nguyen Thi Kieu², Hao Le Thi Hong¹ ¹ <i>National Institute for Food Control, Hanoi, Vietnam</i> ² <i>Hanoi University of Pharmacy, Hanoi, Vietnam</i></p>
56	ID: 1194	<p>Variation in Bioactive Compounds, Antioxidant, and Antimicrobial Activities of Extract of Peel and Pulp of Pakistani Apple Varieties</p> <p><u>Asma Sabir</u> * <i>Innovation Academy of Precision Measurement Science and Technology Wuhan, University of Chinese Academy of Sciences, Beijing, China</i></p>
57	ID: 1198	<p>Barley as a Model for Mapping Polyamines in Cereal Grain Tissues</p> <p>Si Nhat Nguyen¹, Matthew Bakker¹, Ana Badea², <u>Trust Beta</u> *¹ ¹ <i>University of Manitoba, Winnipeg, MB, Canada</i> ² <i>Agriculture & Agri-Food Canada</i></p>

58	ID: 1199	<p>Antifungal Properties of <i>Asparagus officinalis</i> extracts against Food-Contaminating Fungal Pathogens: A Natural Approach to Improving Food Safety and Quality</p> <p><u>Agnieszka Waskiewicz</u> * ¹, Elsie Ayamoh Enow², Monika Urbaniak², Łukasz Stepień²</p> <p>¹ Department of Chemistry, Poznan University of Life Sciences, Wojska Polskiego 28, 60-637 Poznań, Poland</p> <p>² Department of Pathogen Genetics and Plant Resistance, Institute of Plant Genetics, Polish Academy of Sciences, Strzeszyńska 34, 60-479 Poznań, Poland</p>
59	ID: 1200	<p>The Effect of Mulberry (<i>Morus L.</i>) Leaf Extract on <i>Fusarium proliferatum</i> Growth and Mycotoxins Biosynthesis</p> <p><u>Agnieszka Waskiewicz</u> * ¹, Monika Urbaniak², Maria Kwiatkowska², Łukasz Stepień²</p> <p>¹ Department of Chemistry, Poznan University of Life Sciences, Wojska Polskiego 28, 60-637 Poznań, Poland</p> <p>² Department of Pathogen Genetics and Plant Resistance, Institute of Plant Genetics, Polish Academy of Sciences, Strzeszyńska 34, 60-479 Poznań, Poland</p>
60	ID: 1202	<p>Design of Innovative Fermented Beverages Based on Bakery Waste and Chokeberry Pomace</p> <p><u>Daniela Gwiazdowska</u> * ¹, Krzysztof Juś¹, Katarzyna Marchwińska¹, Paulina Gluzińska², Aleksandra Olejniczak², Wiktoria Studenna¹, Mateusz Adamczak²</p> <p>¹ Department of Natural Science and Quality Assurance, Institute of Quality Science, Poznań University of Economic and Business, Poznan, Poland</p> <p>² Scientific Student Association "Inventum", Department of Natural Science and Quality Assurance, Institute of Quality Science, Poznań University of Economics and Business, Poznan, Poland</p>