

Appendix 2

List of poster papers presented during the symposium

No.	Title	Author/Affiliation/Address
1	Efficiency gains by money lending: the case of rice millers in Ghana	Jun Furuya and Takeshi Sakurai Japan International Research Center for Agricultural Sciences (JIRCAS), Tsukuba, Ibaraki 305-8686, Japan E-mail: furuya@affrc.go.jp
2	Analysis of livestock systems approaches to small-holdings in Central Vietnam	Linh Q. Nguyen¹, Ha T. Hue², Hoang N. Duyet¹, Le C. Tu³ Faculty of Animal Sciences, Hue University of Agriculture and Forestry, Vietnam ¹ , Department of Animal Husbandry, Thua Thien-Hue province, Vietnam ² , Faculty of Economics, Hue University, Vietnam ³ E-mail: nguyen.linh@dng.vnn.vn
3	Degradation of aflatoxin B ₁ by peroxidases	Hiroyuki Nakagawa,¹ Emi Sakuno,² Hiromitsu Nakajima,² and Kimiko Yabe¹ National Food Research Institute (NFRI), Tsukuba, Ibaraki 305-8642 ¹ and, Faculty of Agriculture, Tottori University, Koyama, Tottori 680-8553 ² , Japan E-mail: hironkgw@nifri.affrc.go.jp
4	Inhibitory substances of aflatoxin production which are produced by bacteria	Yan Pei-Sheng, Song Yuan, Hiromitsu Nakajima, and Kimiko Yabe Cell Function Laboratories, National Food Research Institute, 2-1-12 Kannondai, Tsukuba, Ibaraki 305-8642, Japan E-mail: peisheng@nfri.affrc.go.jp
5	High added-value and ecological bioconversion of agricultural organic wastes by macrofungi	Yan Pei-Sheng,^{1,2} Jiang Jia-Hui,¹ and Li Gui-Fang¹ Institute of Applied Mycology, Laiyang Agric.Univ., Shandong 265200, China ¹ Present address: Cell Function Laboratories, National Food Research Institute, Tsukuba, Japan ² E-mail: peisheng@nfri.affrc.go.jp
6	Efficacy of calcinated calcium in killing <i>E. coli</i> O157:H7, <i>Salmonella</i> and <i>Listeria monocytogenes</i> on the surface of tomatoes	M. L. Bari, Y. Inatsu, S. Kawasaki, E. Nazuka and K. Isshiki National Food Research Institute, Food Hygiene Team, Kannondai-2-1-12, Tsukuba 305-8642, Japan E-mail: latiful@nfri.affrc.go.jp
7	Inhibition of sprout pathogenic fungi growth using allyl isothiocyanate vapor	Kanako Furuya¹, Shigeo Miyao², and Kenji Isshiki^{1,3} Graduate School of Humanities and Sciences, Ochanomizu University, 2-1-1, Otsuka, Bunkyo-ku, Tokyo 112-8610 ¹ , Tokyo Metropolitan Food Technology Research Center, 1-9 Kandasakuma-cho, Chiyoda-ku, Tokyo 101-0025 ² and National Food Research Institute, 2-1-12 Kannondai, Tsukuba-shi, Ibaraki 305-8642, ³ Japan E-mail: kanako.furuya@daikin.co.jp

No.	Title	Author/Affiliation/Address
8	Decontamination of soybeans with soft-electrons (low energy electrons)	Setsuko Todoriki¹, Olivia Kimiko Kikuchi² and Toru Hayashi³ National Food Research Institute (NFRI), Tsukuba, Ibaraki, 305-8642, Japan ¹ , Institute of Nuclear and Energy Research (IPEN-CNEN/SP), Travessa R 400, São Paulo-SP, 05508-900 Brazil ² , Japan International Research Center for Agricultural Sciences (JIRCAS); Tsukuba, Ibaraki, 305-8686, Japan ³ E-mail: setsuko@nfri.affrc.go.jp
9	Electrolyzed oxidized water—a new technology for postharvest treatment of fruits and vegetables	Muhammad Imran Al-Haq¹, Yasuhisa Seo², Seiichi Oshita², Yoshinori Kawagoe², Junichi Sugiyama¹, and Sayyed Muhammad Nasar-Abbas³ Radiation & Information Technology Lab, National Food Research Institute, Kannondai 2-1-12, Tsukuba, Ibaraki Prefecture 305-8642, Japan ¹ , Lab of Bioprocess Engineering, The University of Tokyo, Yayoi 1-1-1, Bunkyo-ku, Tokyo 113-8657, Japan ² , and Department of Food Engineering, Faculty of Agriculture, University of Ankara, Ankara, Turkey ³ E-mail: imran@affrc.go.jp
10	Detection of manure effect on texture of melon by acoustic firmness tester	Muhammad Imran Al-Haq¹, Junichi Sugiyama¹, Akiko Tomizawa², and Yasuyuki Sagara² Radiation & Information Technology Lab, Food Engineering Division, National Food Research Institute, Kannondai 2-1-12, Tsukuba, Ibaraki Prefecture 305-8642 ¹ , and Department of Global Agricultural Sciences, Graduate School of Agricultural & Life Sciences, The University of Tokyo, Yayoi 1-1-1, Bunkyo-ku, Tokyo 113-8657, Japan ² E-mail: imran@affrc.go.jp
11	Ultra-weak photon emission from rice grain, and estimation of its fat acidity index	Shoji Hagiwara¹, Takahiro Saito², Tohru Shiga², and Toshio Ohtani¹ National Food Research Institute, 2-1-12, Kannondai, Tsukuba, Ibaraki 305-8642 ¹ and Faculty of Agriculture, Utsunomiya University, 350 Mine-machi, Utsunomiya, Tochigi 321-8505 ² , Japan E-mail: shoji@affrc.go.jp
12	Microorganism control in packed tofu manufacture with electrolyzed water	Eizo Tatsumi¹, Zhaohui Zhao², Masayoshi Saito¹, Li Lite² and Li Zaigui² Japan International Research Center for Agricultural Sciences (JIRCAS), Tsukuba, Ibaraki, 305-8686 ¹ and Sino-Japanese Food Research Center, China Agricultural University (CAU), East Campus, Qinghua Donglu, Beijing 100083, P. R. CHINA ² E-mail: tatsumi@affrc.go.jp
13	Determination of functional properties of peptides from soybean products	Masayoshi Saito¹, Eizo Tatsumi¹, Zai-gui Li², Li-jun Wang², Li-jun Yin², Xiao-feng Zhang², Jun-feng Fan² and Li-te Li² Japan International Research Center for Agricultural Sciences (JIRCAS), Tsukuba, Ibaraki 305-8686, Japan ¹ and China Agricultural University (East Campus), 17 Qinghua Dong Lu, Haidian, Beijing, 100083, China ² E-mail: masaito@jircas.affrc.go.jp
14	Carotenoid composition and ultrastructure of carotenoid-accumulating organelles in soybean	Michiko Momma¹, Masayoshi Saito², and Koichi Chikuni³ National Food Research Institute (NFRI), Tsukuba, Ibaraki 305-8642 ¹ , current affiliations are Center for Agricultural Sciences (JIRCAS), Tsukuba, Ibaraki 305-8686 ² , National Institute of Livestock and Grassland Science (NILGS), Tsukuba, Ibaraki 305-0901 ³ , Japan E-mail: michiko@nfri.affrc.go.jp

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15	Variation of the polyphenol content of fingerroot (<i>Boesenbergia pandurata</i> Schltr.) in Thailand	Tsutomu Fushimi¹, Ladda Wattanasiritham², Tadashi Yoshihashi¹, Gassinee Trakoontivakorn², and Kazuhiko Nakahara¹ Japan International Research Center for Agricultural Sciences (JIRCAS), Tsukuba, Ibaraki 305-8686, Japan ¹ and Institute of Food Research and Product Development (IFRPD), Kasetsart University, P.O. Box 1043 Kasetsart, Bangkok 10903, Thailand ² E-mail: fufufu@affrc.go.jp
16	Mechanism of mahanine-induced apoptosis in human myeloid leukemia HL-60 cells	Molay Kumar Roy and Kazuhiko Nakahara Food Science and Technology Division, Japan International Research Center for Agricultural Sciences, 1-1 Ohwashi, Tsukuba, Ibaraki 305-8686, Japan E-mail: mkroy@affrc.go.jp
17	Effect of cultivation conditions for 2-acetyl-1-pyrroline content in aromatic rice variety, Khao Dawk Mali 105	Tadashi Yoshihashi and Nguyen Thi Thu Huong Japan International Research Center for Agricultural Sciences, 1-1 Ohwashi, Tsukuba, Ibaraki 305-8686 Japan E-mail: tadashi@jircas.affrc.go.jp
18	Utilization of dry-milled rice flour for rice noodle production	Warunee Varayanond, Vipa Surojanamethakul, Patcharee Tungtrakul and Rasamee Supasri Institute of Food Research and Product Development, Kasetsart University, Bangkok, Thailand E-mail: ifrprt@ku.ac.th
19	A successful example of value-addition: Finding of accumulation of gamma-aminobutyric acid (GABA), a blood pressure-lowering compound, in the rice germ during water soaking has led to development of new marketable products from rice and its residues	Yutaka Mori¹, Takayo Saikusa² and Toshiroh Horino³ Japan International Research Center for Agricultural Sciences (JIRCAS), Tsukuba Ibaraki 305-8686 ¹ , National Agricultural Research Center, Tsukuba, Ibaraki 305-8666 ² , and National Agricultural Research Center for Western Region, Fukuyama, Hiroshima 721-8514 ³ , Japan E-mail: ymori@affrc.go.jp
20	Effect of minimal processing on the respiration rate and qualities of Broad bean (<i>Vicia faba</i> L.)	A. Chudhangkura¹, I.G.N. Hewajulige², H. Umehara³, N. Nakamura³, Y. Mori³ and T. Shiina³ Institute of Food Research and Product Development, P.O. Box 1043 Kasetsart, Bangkok 10903, Thailand ¹ , Industrial Technology Institute, 363 Bauddhaloka Mawatha, Colombo 7, Sri Lanka ² and National Food Research Institute, 2-1-12 Kannondai, Tsukuba, Ibaraki 305-8642, Japan ³ E-mail: ifrayc@ku.ac.th
21	Extending the storage life of Okinawa grown pineapples using low temperature and reduced oxygen	Hewajulige I.G.N.¹, A.Chudhangkura², N.Nakamura,³ H. Umehara³, Y.Mori³ and T.Shiina³ Industrial Technology Institute, 363, Bauddhaloka Mawatha, Colombo 7, Sri Lanka ¹ , Institute of Food Research and Product Development, P.O. Box 1043, Kasetsart, Bangkok 10903, Thailand ² and National Food Research Institute, 2-1-12 Kannondai, Tsukuba, Ibaraki 305-8642 Japan ³ E-mail: ilmi@iti.lk
22	Changes in fruit quality and volatile aroma constituents in Irwin mangoes during low temperature storage	K.S.Shivashankara¹, Seiichiro Isobe¹, Hiroshi Horita², Muhammad Imran Al Haq¹ and Takeo Shiina¹ Food Engineering Division ¹ , Analytical Science Division ² , National Food research Institute, Tsukuba, Ibaraki, 305-8642, Japan E-mail: shiva@affrc.go.jp
23	Respiration properties of tree-ripe mango under CA condition	Nobutaka Nakamura¹, D. V. Sudhakar Rao², Takeo Shiina¹, Yoshitane Mori¹, and Yoshihiko Nawa¹ National Food Research Institute (NFRI), Tsukuba, Ibaraki 305-8642, Japan ¹ and Division of Post Harvest Technology, Indian Institute of Horticultural Research, Hesaraghatta Lake, Bangalore - 560 089, India ² E-mail: noby@nfri.affrc.go.jp

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24	Improvement of drying process for early harvested wheat grains	Genta Kanai, Katsuhiko Tamaki and Yuji Nagasaki National Agricultural Research Center (NARC), 3-1-1 Kannondai, Tsukuba, Ibaraki 305-8666, Japan E-mail: kanaigen@affrc.go.jp
25	Effects of simultaneous docosahexaenoic acid and catechin intakes on the plasma and liver lipids in low- and high-fat diet fed mice	Nobuya Shirai and Hiramitsu Suzuki National Food Research Institute, Kannondai, Tsukuba, Ibaraki, 305-8642, Japan E-mail: nshinya@nfri.affrc.go.jp
26	Dietary effects of conjugated linolenic acid and conjugated docosahexaenoic acid on growth performance and body fat deposition in red sea bream <i>Pagrus major</i>	Hiroshi Y. Ogata¹, Kazuo Miyashita², Tomohisa Kinami², Shingo Arato² and Hiromi Oku³ Fisheries Division, Japan International Research Center for Agricultural Sciences, Tsukuba 305-8686 ¹ , Faculty of Fisheries, Hokkaido University, Hakodate 060-0836 ² and National Research Institute of Aquaculture, Nansei, Mie 516-0193 ³ , Japan E-mail: ogata1@jircas.affrc.go.jp
27	Genetic identification of allied scad species by DALP fingerprinting	Futoshi Aranishi, Hideki Kato and Yuka Yoshida Molecular Biology Division, National Institute of Fisheries Science, Yokohama 236-8648, Japan E-mail: aranishi@affrc.go.jp
28	PCR-based analysis for genetic differentiation of Pacific oyster local diversity	Takane Okimoto^{1,2}, Tadashi Ishihara², and Futoshi Aranishi¹ Molecular Biology Division, National Institute of Fisheries Science, Yokohama 236-8648, Japan ¹ , and Graduate School of Science and Technology, Nagasaki University, Nagasaki 852-8521, Japan ² E-mail: aranishi@affrc.go.jp
29	Bovine and human lactoferrin promotes the collagen gel contractile activity of human fibroblasts	Yoshiharu Takayama¹, Koko Mizumachi¹ and Toshiaki Takezawa² National Institute of Livestock and Grassland Science, Tsukuba, Ibaraki 305-0901 ¹ , National Institute of Agrobiological Science, Tsukuba, Ibaraki 305-8602 ² E-mail: takay@affrc.go.jp
30	Nutrient value of saltwort (<i>Salicornia herbacea</i> L.) as feed for ruminants	N. Ishikawa¹, K. Shimizu¹, W. Cao², O. Enishi^{3A} and H. Kajikawa³ Institute of Agriculture and Forestry, University of Tsukuba, Tsukuba, Japan, 305-8572 ¹ , Chinese academy of agricultural sciences ² and National Institute of Livestock and Grassland Science, Kukizaki, Japan, 305-0901 ³ E-mail: ishikawa@sakura.cc.tsukuba.ac.jp
31	Detection of ruminants materials in feed using PCR	Kiyoshi Tajima¹, Osamu Enishi¹, Masahiro Amari¹, Makoto Mitsumorim¹, Hiroshi Kajikawa¹, Mitsunori Kurihara¹, Hiroshi Yasue², Tadayoshi Misuhashi², Tomoyuki Kawashima¹ and Mitsuto Matsumoto¹ National Institute of Livestock and Grassland Science (NILGS), Kukizaki, Ibaraki 305-0901 ¹ , and National Institute of Agrobiological Science, 2-1-2, Kannondai, Tsukuba, Ibaraki 305-0806 ² , Japan E-mail: enishu@affrc.go.jp
32	Interference of <i>Lactococcus lactis</i> strains toward intestinal bacteria	Hiromi Kimoto¹, Sadahiro Ohmomo², Masaru Nomura¹, Miho Kobayashi¹, Koko Mizumachi¹, and Takashi Okamoto¹ National Institute of Livestock and Grassland Science, Tsukuba Norin-danchi, P.O. Box 5, Ibaraki 305-0901 ¹ and Japan International Research Center for Agricultural Sciences, 1-1, Ohwashi, Tsukuba, Ibaraki 305-8686 ² , Japan E-mail: anne@affrc.go.jp

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33	Development of pure culture starter for Kecap, an Indonesian soy sauce	Joko Sulisty¹ and Sayuki Nikkuni² Research Center for Biology, Indonesian Institute of Sciences, Jl. Ir. H. Juanda No. 18 Bogor 16002, Indonesia ¹ and Japan International Research Center for Agricultural Sciences, Ohwashi 1-1, Tsukuba, Ibaraki 305-8686, Japan ² E-mail: josulisty@yahoo.com
34	Value addition to root and tuber crops in Nigeria	Olumide O. Tewe, Okhiomah A. Abu and Kayode A. Arowora Department of Animal Science, Agricultural Biochemistry and Nutrition Division, University of Ibadan, Ibadan, Nigeria E-mail: tewe264@yahoo.com
35	Root and tuber crops in livestock feeding: strategy for value addition in rural and peri-urban areas	Okhiomah A. Abu*, E.A. Iyayi & Olumide O. Tewe Department of Animal Science, University of Ibadan, Ibadan, Nigeria E-mail: oaabu@affrc.nfri.go.jp
36	Isolation, purification and characterization of aminopeptidase from <i>Aeromonas caviae</i> T-58	Okhiomah A. Abu, Satoru Nirasawa, Motomitsu Kitaoka and Kiyoshi Hayashi Enzyme Laboratory, Biological Function Division, National Food Research Institute, Tsukuba, Ibaraki 305-8642, Japan E-mail: oaabu@affrc.nfri.go.jp
37	Influence of cultivar, storage and cooking on the mechanical properties of squash (<i>Cucurbita maxima</i>)	R. M. Sunil Ratnayake¹, Paul L. Hurst², Laurence D. Melton¹ Food Science Postgraduate Programme, University of Auckland, P. O. Box 92 019, Auckland ¹ and New Zealand Institute for Crop and Food Research Limited, Private Bag 11 600, Palmerston North ² , New Zealand E-mail: sratna@nfri.affrc.go.jp
38	Thermostable aminopeptidase P from <i>Thermotoga maritima</i> with leucine- and lysine- <i>p</i> -nitroanilide hydrolyzing activities	Sunil Ratnayake, Ponniah Selvakumar, Motomitsu Kitaoka, Satoru Nirasawa, Kiyoshi Hayashi Enzyme Laboratory, National Food Research Institute, 2-1-12 Kannondai, Tsukuba, Ibaraki 305-8642, Japan E-mail: sratna@nfri.affrc.go.jp
39	Molecular cloning and biochemical characterization of a recombinant metallo-aminopeptidase from <i>Flavobacterium breve</i>	Sreekumar, O., Nirasawa, S., Kitaoka, M., and Kiyoshi Hayashi Enzyme laboratory, National Food Research Institute, Tsukuba, Japan 305-8642 E-mail: osree@nfri.affrc.go.jp
40	Characterization of a unique lichenase: An in vitro investigation of synergistic involvement of two neighboring recombinant endoglucanases from <i>Thermotoga maritima</i>	M. A. Sattar Khan, Satoru Nirasawa, Motomitsu Kitaoka and Kiyoshi Hayashi Enzyme Laboratory, National Food Research Institute, Kanondai, 2-1-12, Tsukuba, Japan E-mail: bagarsh@rediffmail.com
41	Recovering enzyme activity of β -glucosidases split into two pieces in the middle of the gene	Bong-Io Kim, Satoru Nirasawa, Motomitsu Kitaoka and Kiyoshi Hayashi Enzyme Laboratory, Biological Function Division, National Food Research Institute, 2-1-12 Kannondai, Tsukuba 305-8642, Ibaraki, Japan E-mail:bjkim6182@yahoo.com
42	Fusion of substrate-binding domains increases substrate-binding capacity of xylanase B from <i>Thermotoga maritima</i>	Farooqahmed S.Kittur, Satoru Nirasawa, Motomitsu Kitaoka and Kiyoshi Hayashi Enzyme Laboratory, National Food Research Institute, Kannondai, Tsukuba, Ibaraki, JAPAN E-mail: farooq@nfri.affrc.go.jp

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43	Engineering of substrate specificity of family 10 xylanase	Satoshi Kaneko¹, Zui Fijimoto², Atsushi Kuno³, Hitomi Ichinose¹, Hiroshi Mizuno², and Hideyuki Kobayashi¹ National Food Research Institute, 2-1-12 Kannondai, Tsukuba, Ibaraki 305-8642 ¹ , National Institute Agrobiological Resources, 2-1-2 Kannondai, Tsukuba, Ibaraki 305-8602 ² , Faculty of Science, Yamagata University, Yamagata 990-8560 ³ , Japan E-mail: sakaneko@nfri.affrc.go.jp
44	<i>Streptomyces coelicolor</i> b-galactosidase belonging to the glycoside hydrolase family 27 acted on galactomannan	Hideyuki Kobayashi, Kohei Morisaki and Satoshi Kaneko Molecular Function Laboratory, National Food Research Institute, Tsukuba, Ibaraki 305-8642, Japan E-mail: hkobayas@nifri.affrc.go.jp
45	Purification and characterization of the enzyme involved in conversion of aflatoxicol to aflatoxin B ₁ in <i>Aspergillus parasiticus</i>	Kimiko Yabe¹, Naomi Chihaya¹, and Takashi Hamasaki² National Food Research Institute, Tsukuba, Ibaraki 305-8642 ¹ and Faculty of Agriculture, Tottori University, Koyama, Tottori 680-8553 ² , Japan E-mail: yabek@nfri.affrc.go.jp
46	Comparison of volatile components in non-glutinous and glutinous rices	Nguyen Thi Thu Huong and Tadashi Yoshihashi Japan International Research Center for Agricultural Sciences, 1-1 Ohwashi, Tsukuba, Ibaraki 305-8686 Japan E-mail: tadashi@jircas.affrc.go.jp
47	Development of microchannel emulsification for monosized emulsions	Mitsutoshi Nakajima National Food Research Institute (NFRI), Tsukuba, Ibaraki, Japan 305-8642 E-mail: mnaka@affrc.go.jp
48	Changes in quality factors during lactic acid fermentation of soybean milk	Jose Renato Bordignon¹, Kazuhiko Nakahara², Tadashi Yoshihashi² and Sayuki Nikkuni² National Soybean Research Center (EMBRAPA-CNPSO), Caixa Postal 231, 86001-970, Londrina, PR, Brazil and Japan International Research Center for Agricultural Sciences (JIRCAS), 1-1 Ohwashi, Tsukuba, Ibaraki 305-8686, Japan E-mail: knakahara@jircas.affrc.go.jp
49	Effect of admixing synthetic antioxidants and sesame with rice bran on daily weight gain, feed intake and feed efficiency of swine in Mekong Delta, Vietnam	Seishi Yamasaki¹, Luu Huu Manh², Ryozo Takada³, Do Vo Anh Khoa², Le Thi Men², Nguyen Nhut Xuan Dung² and Toshiaki Taniguchi¹ Japan International Research Center for Agricultural Sciences, Tsukuba, Ibaraki 305-86861, Japan ¹ , Department of Animal Husbandry, Faculty of Agriculture, Cantho University, Cantho, Vietnam ² , National Institute of Livestock and Grassland Sciences, Tsukuba, Ibaraki 305-0901, Japan ³ E-mail: sshymask@jircas.affrc.go.jp