

JSB145 Poster presentations**17 March (Odd Numbers 9:00-9:50, Even Numbers 10:00-10:50)**

P001	Optimizing progeny allocation strategies in breeding programs while updating genomic prediction models	☆Hamazaki, K.1, K. Tsuda1,2, H. Iwata3 (1.Adv. Int. Proj., RIKEN, 2.Grad. Sch. Fro. Sci., Univ. Tokyo, 3.Grad. Sch. Agr. Life Sci., Univ. Tokyo)
P002	Crossing strategy considering segregation of later generations in a plant breeding program	☆Sakurai, K.1, K. Hamazaki2, M. Inamori1, A. Kaga3, H. Iwata1 (1.Grad. Sch. Agr. Life Sci., Univ. Tokyo, 2.RIKEN Ctr. for Advanced Intelligence Project, 3.Inst. Crop Sci., NARO)
P003	An Efficient training image dataset creation pipeline for sweet potato spoilage risk diagnosis model using 3D data	☆Kodama, K.1, K. Taguchi2, M. Nishinaka2, W. Guo1 (1.Univ. Tokyo, 2.NARO CARC)
P004	Field Phenotyping in Wheat and Barley Breeding: Head Detection Through Consecutive Video Frames	☆Nakamura, H.1, G. Ishikawa1, W. Guo2, T. Yamada1, M. Tougou1, A. Takahashi1, K. Hatta1, H. Kojima1, T. Okada1, J. Yonemaru3 (1.Inst. Crop Sci., NARO, 2.Grad. Sch. of Agri. and Life Sci., Univ. of Tokyo, 3.Res. Cent. Agric. Info. Tech., NARO)
P005	Effects of Variety Breed Groups, Gene Sets, and Regression Methods on the Versatility and Accuracy of Genetic-based Growth Prediction Models in Soybean.	☆Mori, T.1, K. Nishimura2, S. Nakano3, H. Kokaji4, K. Motoki2, E. Kumagai3, A. Kaga3, H. Iwata5, Y. Iwahashi1, K. Nagasaka1, K. Murata1, Y. Kinoshita1, T. Maki1, H. Inoue1, R. Nakano1, H. Nakagawa3, T. Nakazaki1 (1.Grad. Sch. Agr., Kyoto Univ, 2.Grad. Sch. Environ.Life. Sci. and Tech., Okayama Univ, 3.NARO, 4.GRA&GREEN Inc., 5.Grad. Sch. Agr. Life Sci., Univ. Tokyo)
P006	Variation in flowering traits in Taro (<i>Colocasia esculenta</i> Schott) cultivars in relation to vegetative traits and ploidy.	☆Iijima, Y.1, Y. Mitsui1, T. Konishi2 (1.Dept. Bioresour. Dev., Tokyo Univ. Agri., 2.Res. Inst. Evol. Biol.)
P007	Genetic characteristics of Japanese wild sugarcane with smut disease resistance	☆Umeda, M., T. Hattori, Y. Tarumoto (Kyushu Okinawa Agr. Res. Ctr., NARO)
P008	Study of QTLs associated with hybrid vigor in Kasalath genome using BC1F1 of Taichung 65 x Kasalath	☆Nakamura, Y.1, S. Ogihara1, K. Ichitani2, T. Kuboyama1 (1.Col. Agr. , Ibaraki U., 2.Fac. Agr. , Kagoshima U.)
P009	Evaluation of Genetic Diversity in 'Hodairakabu', a Local Turnip Variety of Nagano Prefecture	☆Kohara, R.1, K. Matsushima2, K. Nemoto2 (1.Grad. Sch. Sci and Tec., Univ. Shinshu, 2.Inst. Agric. Acad. Assy. Fac., Univ. Shinshu)
P010	Genetic diversity analysis of diverse variant rice (<i>Oryza sativa</i> L.)	○Takenaka, S.1, T. Seo1, F. Okada1, M. Takatani1, K. Nagaoka1, T. Itani2 (1.Ryukoku Univ. Fac. Agri., 2.Ryukoku Univ. Res. Ctr. Satoyama Studies)
P011	Development of new F1 hybrid varieties "HYBRID TOGO 44 GO / 44 GO" that overcomes multiple issues faced by current varieties	○Jinushi, K., K. Iwatsuki (Research Institute of Rice Production &Technology Co., Ltd.)
P012	Production of a new type of vegetable, "Komina", by intergeneric hybridization between <i>Brassica rapa</i> var. <i>laciniifolia</i> and <i>Diplotaxis tenuifolia</i>	○Oyama, K.1, W. Hashimotu2, T. Suzuki3, S. Bang1, T. Ohnishi1 (1.Grad. Reg. Cre. Sci., Utsunomiya U., 2.Sch. Agr., Utsunomiya U., 3.Center for Bioscience Research and Education, Utsunomiya U.)
P013	NBRP-Wheat: Development of large-scale mapping populations of wheat genetic resources for future research	○Ohta, A.1,2, M. Nitta1,2, S. Nasuda1,2, K. Yoshida1,2, T. Sakai1,2, S. Takenaka3, Y. Matsuoka4, N. Mori4, R. Nishijima5, R. Terauchi1,2 (1.Grad. Sch. Agri., Kyoto Univ., 2.NBRP-Wheat, 3.Fac. Agri, Ryukoku Univ., 4.Grad. Sch. Agri. Sci., Kobe Univ., 5.Fac. Biosci. Biotech., Fukui Pref. Univ.)
P014	Production of interspecific hybrid progenies by embryo rescue and testing of clubroot resistance during acclimation	○Ogura, T., T. Ohnishi, S. Bang (Grad. Reg. Cre. Sci., Utsunomiya U.)

P015	"Sorakirari", a new rice cultivar for Hokkaido with high yield and blast resistance	○Yamashita, Y.1, T. Nishimura1, M. Ikenaga1, H. Sato2, H. Ozaki3, S. Munekata4, M. Kinoshita3, T. Maruta5, K. Sato1, Y. Urushibata6, T. Abe1 (1.Central Agr. Exp. Stn., HRO, 2.Tokachi Agr. Exp. Stn., HRO, 3.Kamikawa Agr. Exp. Stn., HRO, 4.Kitami Agr. Exp. Stn., HRO, 5.Donan Agr. Exp. Stn., HRO, 6.Orn. Plant Veg. Res.Cent., HRO)
P016	Study on trait changes in bread wheat-Leymus racemosus chromosome addition lines	Ono, T.1, M. Kishii2, M. Sato3, M. Hirai3, H. Tsujimoto4, ○M. Okamoto1,3,5 (1.Utsunomiya Univ., 2.JIRCAS, 3.CSRS · RIKEN, 4.Tottori Univ., 5.Yokohama City Univ.)
P017	Potential for breeding new energy crops using the robustness of Johnson grass (Sorghum halepense)	○Okada, S.1,5, S. Hashimoto2,5, C. Yamada3, S. Araki-Nakamura1, K. Ohmae-Shinohara1, S. Kasuga4, T. Sazuka1 (1.Biosci. and Biotech. Center, Nagoya Univ., 2.Grad. Sch. Agric. Life Sci., U. Tokyo., 3.Grad. Sch. Bioagri., Nagoya Univ., 4.AFC, Fac. of Agri. Shinshu Univ., 5.equally contributed author)
P018	A Practical Guide to Genome Assembly with Varied Levels of Heterozygosity	☆Mochizuki, T.1, M. Sakamoto1, Y. Tanizawa1, T. Nakayama2, G. Tanifuji3, R. Kamikawa4, Y. Nakamura1 (1.Genome Informatics Lab., NIG, 2.Center for Computational Sciences, Univ. of Tsukuba, 3.Department of Zoology, National Museum of Nature and Science, 4.Graduate School of Agriculture, Kyoto Univ.)
P019	Development of various isogenic Koshihikari capable of stable production using the short-stem tillering gene d65	☆Fujita, K., M. Tomita (Res. Inst. Green Sci. & Technol., Shizuoka Univ.)
P020	Development of various isogenic Koshihikari capable of stable production under climate crisis	☆Nakayama, K., M. Tomita (Res. Inst. Green Sci. & Technol., Shizuoka Univ.)
P021	Exploration of chromosome regions that improve brown rice whiteness among japonica and indica varieties of rice	☆Otsuka, R.1, J. Tanaka2,3, M. Tsuda4 (1.Grad. Sch. Sci. and Tech., Univ. Tsukuba, 2.Faculty Life & Env. Sci., Univ. Tsukuba, 3.NICS/NARO, 4.T-PIRC., Univ. Tsukuba)
P022	Development of various isogenic Koshihikari capable of stable production using the robust stem and tillering gene	☆Sugihara, H., M. Tomita, T. Okada (Res. Inst. Green Sci. & Technol., Shizuoka Univ.)
P023	Genome-wide association study of cooked rice characteristics and screening for candidate genes.	☆Ono, K.1, M. Shenton2, K. Motizuki2,3, Y. Tsujii3, K. Hori1,2 (1.Grad. Sch. Frontier Sci., Univ. Tokyo, 2.NARO, 3.Tokyo Univ. Agric)
P024	Improving the heading date of 'Yumemizuhō': An early flowering rice cultivar from Ishikawa prefecture.	☆Takata, M.1,2, K. Kontani2, M. Sakemoto2, M. Ino1, H. Hatanaka1, K. Nakamura1, K. Okada1, H. Takagi2 (1.Ishikawa Agriculture Research Center, 2.Ishikawa Prefectural University)
P025	Exploration and comparative analysis of nematode resistance loci in hexaploid sweetpotato with GWAS, QTL mapping, and k-mer based bulk segregation analysis	☆Kurihara, M.1, H. Tabuchi2, K. Nishimura3, H. Nishida3, K. Kato3, Y. Monden3 (1.Grad. Sch. Environ. Life Sci., Okayama Univ., 2.KARC/NARO, 3.Grad. Sch. Environ. Life Nat. Sci. Tech., Okayama Univ.)
P026	Genome sequencing analysis of Japanese mulberry (Morus spp.) resources	○Matsumura, H.1, S. Yoshinobu2, R. Shimizu2, M. Suzuki2, A. Mizoguchi2 (1.Gene Res. Ctr., Shinshu Univ., 2.Grad. Sch. Sci. Tech, Shinshu Univ.)
P027	Genome-wide association studies of leaf shape in mulberry	☆Gye, H.1, S. Yoshinobu3, M. Suzuki3, R. Shimizu3, A. Mizoguchi3, H. Matsumura2 (1.Fac. Textile Sci. Tech, Shinshu Univ., 2.Gene Res. Ctr., Shinshu Univ., 3.Grad. Sch. Sci. Tech)
P028	Identification of regions involved in sex determination in mulberry	☆Suzuki, M.1, R. Shimizu1, H. Gye2, R. Atsumi1, H. Matsumura3 (1.Grad. Sch. Sci. Tech., Shinshu Univ, 2.Fac. Textile Sci. Tech, Shinshu Univ., 3.Gene Res. Ctr., Shinshu Univ.)

P029	ptpTALEN-mediated double-strand break in chloroplast genome of <i>Arabidopsis thaliana</i>	○Suefuji, S., I. Nakazato, N. Tsutsumi, H. Takanashi, S. Arimura (Grad. Sch. Agri., Univ. Tokyo)
P030	Identification of a genetic locus for seed shattering in Italian ryegrass (<i>Lolium multiflorum</i> Lam.)	○Tamura, K.1, T. Mizubayashi2, H. Yamakawa2 (1.NILGS, NARO, 2.NICS, NARO)
P031	Generation of major glutelin-deficient (GluA, GluB, and GluC) semi-dwarf Koshihikari rice line	○Wakasa, Y.1, T. Kawakatsu1, K. Ishimaru2, K. Ozawa1 (1.Inst. Agrobiol. Sci., NARO, 2.Inst. Crop Sci., NARO)
P032	Cross-species knowledge transfer driven by the genome-wide ortholog analysis	○Furuta, T. (IPSR, Okayama Univ.)
P033	Interaction between the gametocidal genes Gc1 and Gc5 in wheat	☆Murata, K., S. Nasuda (Grad. Sch. Agric., Kyoto Univ.)
P034	Analysis of seed development process of rice <i>Oryza</i> ;KRP3 genome editing mutant	☆Chida, T., T. Ito, S. Oya, S. Miyakawa, R. Sugawara, Y. Saitoh (Fac.agri.,Univ.iwate)
P035	Search for aquaporins related to acquisition of environmental stress tolerance	☆Hikaru, M., W. Ahmadzai, S. Mohammad Taheb, R. Nakayama, Y. Kamiya, K. Kawaura (KIBR, Yokohama City Univ.)
P036	Method development and validation of simultaneous expression of two proteins and multiple organelle localization in <i>Arabidopsis thaliana</i> using P2A sequences.	☆Shiba, M., I. Nakazato, N. Tsutsumi, H. Takanashi, S. Arimura (Laboratory of Plant Molecular Genetics, Graduate School of Agricultural and Life Sciences, The University of Tokyo)
P037	Creating multiplex genome-edited wheat mutants using the arrayed tRNA-gRNA system	☆Komura, S.1, F. Abe2, M. Kishi-Kaboshi2, K. Yoshida1 (1.Grad. Sch. Agr., Kyoto Univ., 2.NICS)
P038	Generation and analysis of fertilization-defective mutants eliminated the gene coding region by genome editing.	☆Yoshimura, A.1, S. Kobayashi1, T. Igawa1,2,3 (1.Graduate School of Horticulture, Chiba University, 2.Plant Molecular Science Center, Chiba University, 3.Research Center for Space Agriculture and Horticulture, Chiba University)
P039	Effect of the developmental regulators from different plant species in inducing autonomous differentiation	☆Inoue, S.1, Y. Sato1, T. Igawa1,2,3 (1.Grad. Sch. Hort., Chiba Univ., 2.Plant Mol. Sci. Cent., Chiba Univ., 3.Res. Cent. Space Agr. Hort., Chiba Univ.)
P040	Functional analysis of the abiotic stress-responsive SIWRKY6, SIWRKY9 and SIWRKY45 transcription factors in tomato	☆Shalaby, E., T. Takano, D. Tsugama (Grad. Sch. of Agr., Univ. Tokyo)
P041	Investigation of novel male sterility genes in alloplasmic lines of wheat	○Tsuji-mura, M.1, H. Miyamoto1, S. Takenaka1, N. Mori2, T. Terachi3 (1.Fac. Agr., Ryukoku Univ., 2.Grad. Sch. Agr. Sci., Kobe Univ., 3.Fac. Life Sci., Kyoto Sangyo Univ.)
P042	Screening of a gene that determines saccharification yields from rice straws by overexpression of the candidates	Yamaguchi, M., A. Ono, ○Y. Ito (Grad Sch Agri Sci, Tohoku Univ)
P043	Evaluation of the yield-related traits and drought stress response in rice through phenomics and transcriptomics analyses	☆Wei, S.1, R. Kuroda1, R. Tanaka1, F. Soma1, Y. Kitomi1, N. Kanno1, A. Hayashi2, N. Kochi2, M. Negishi2, K. Tokuda2, T. Tanabata3, M. Endo4, H. Saika4, S. Yabe1, Y. Uga1 (1.NICS, NARO, 2.RCAR, NARO, 3.Kazusa DNA Res. Inst, 4.NIAS, NARO)
P044	Genetic analysis of the drought stress response of rice using time-series transcriptome data	○Tanaka, R.1, S. Wei1, R. Kuroda1, F. Soma1, Y. Kitomi1, N. Kanno1, M. Endo2, H. Saika2, S. Yabe1, Y. Uga1 (1.NICS, NARO, 2.NIAS, NARO)
P045	Utilization of the Tobacco Mutation Database: Isolation and characterization of low alkaloid mutants	○TAKEUCHI, T.1,2, H. Udagawa1, M. Arai1, H. Magome1, T. Yoshikiyo1, Y. Takakura1 (1.JAPAN TOBACCO INC. Leaf Tobacco Research Center, 2.Grad. Sch. Agr., Kyoto U.)
P046	Effects of Na ⁺ /H ⁺ antiporter HvsOS1 from barley on salt tolerance of <i>Arabidopsis</i> .	☆Makino, K.1, Y. Tada2 (1.Tokyo University of Technology Graduate School of Bionics, Computer and Media Science, Bionics Program, 2.Tokyo University of Technology, School of Bioscience and Biotechnology)

P047	Toward the establishment of a separately phenotyping method of soybean shoot and root traits by grafting	☆Ozeki, M.1, M. Tsuda2 (1.Grad. Sch. Science and Technology, Univ. Tsukuba, 2.T-PIRC, Univ. Tsukuba)
P048	Ion-gene co-expression analysis to explore the mechanism of phosphorus deficiency tolerance derived from wild rice	☆Matsunaga, S., Y. Ohmori, T. Fujiwara (Grad. Sch. Agr. Life Sci., Univ. Tokyo)
P049	Analysis of the mechanism regulating the number of cortical cell layers in rice roots under low-oxygen conditions	☆Minami, S.1, K. Tsuda2, T. Yamauchi3 (1.Sch. Agr., Nagoya U., 2.Natl. Inst. Genet., 3.Biosci. Biotech. Center, Nagoya U.)
P050	Analysis of temporal changes in disease resistance-related genes and bioactive small molecules during infection process of powdery mildew in wheat	☆SATO, Y.1,2, Y. WENG2,3, T. SHIMAZAKI1,2, K. NIHEI4, K. YOSHIDA5, M. OKAMOTO1,2,6 (1.Grad. Sch. Reg. Dev.&Creat., Utsunomiya Univ., 2.Ctr. for Biosci. Res.&Educ., Utsunomiya Univ., 3.UGSAS, Tokyo Univ. of Agri.&Tech., 4.Sch. Agri., Utsunomiya Univ., 5.Grad. Sch. Agri., Kyoto Univ., 6.RIKEN, CSRS)
P051	Comparison of salt induced genes in synthetic hexaploid wheat derived from different tetraploid wheat	☆Yokota, A., H. Moriya, R. Watanabe, Y. Kamiya, K. Kawaura (KIBR, Yokohama City Univ.)
P052	Molecular and physiological analyses of abscisic acid receptor-mediated disease resistance in wheat	☆Weng, Y.1,2, T. Shimazaki2, R. Mega3, F. Abe4, J. Kim5, K. Yoshida6, K. Nihei7, M. Okamoto2,5 (1.UGSAS, Tokyo Univ. of A&T, 2.Bio., Univ. Utsunomiya, 3.Gra. Sch. Sci., Univ. Yamaguchi, 4.Inst. Crop Sci., NARO, 5.CSRS, Riken, 6.Agri., Univ. Kyoto, 7.Agri., Univ. Utsunomiya)
P053	Soil environment measurement toward elucidating the mechanism that soil surface roots reduce rice yield loss in saline paddy fields.	○Hanzawa, E.1, M. Bamba1, S. Hashimoto1, Y. Oba2, T. Sato3, Y. Kitomi4, T. Kawai4, T. Tokida5, S. Sato1, Y. Uga4 (1.Grad. Sch. LifeSci., Univ. Tohoku, 2.Murata Manufacturing Co., Ltd., 3.Grad. Sch. Agri. Sci., Univ. Tohoku, 4.Inst. Crop Sci., NARO, 5.Inst. Agro-Env. Sci., NARO)
P054	Novel allele at a reported QTL for resistance to Fusarium head bright contributed to develop wheat lines KK1932 and KK1976 resistant to Fusarium head bright	○Ohnishi, S.1, K. Horikawa2, K. Morita1, C. Souma2, Y. Sato1, T. Sonoda1 (1.HRO Kitami AES, 2.HRO Central AES)
P055	High temperature tolerance in grafted tomato: an analysis in the special netted-house	○Nishiguchi, M.1, K. Hondo2,3, S. Nakamura1, Y. Shinozaki4,5, T. Ariizumi4,6, H. Ezura4,6, K. Kobayashi1 (1.Fac. Agri., Ehime University, 2.ADRES · Ehime Univ., 3.Fac. Sci. Tech., Tokyo Univ. Sci., 4.T-PIRC, Univ. Tsukuba, 5.Inst. Global Innov. Res, Tokyo Univ. Agri. Tech., 6.Grad. Sch. Life Environ. Sci., Univ. Tsukuba)
P056	Genetic differences in soil pH-dependent mineral accumulation in rice straw and grains	○Yamamoto, T.1, K. Kashihara1, T. Furuta1, Q. Zhang1, E. Yu1,2, J. Ma1 (1.IPSR, Okayama Univ., 2.College of Agronomy, Anhui Agriculture University)
P057	Development of flooding-tolerant F1 hybrid by introgression of two teosinte QTLs into maize F1 cultivar "Yumesodachi" and evaluation of the pyramiding effect	○Imase, R.1, H. Takahashi2, F. Omori1, Y. Mano1 (1.Inst. Livest. Grassl. Sci., NARO, 2.Fac. Food Agric. Sci., Fukushima Univ.)
P058	Investigation of the suitability and optimal cultivation period for applying cell nursery system to sweet potato	☆Nakajima, H.1, M. Nishinaka2, K. Taguchi2 (1.HARC/NARO, 2.CARC/NARO)
P059	Heterosis observed in the methylation level of 18S rDNA in seedlings of rice hybrids using bisulfite amplicon sequencing	☆Ohtsuki, H.1, Y. Nakamura1, K. Ichitani2, T. Kuboyama1 (1.Col. Agr., Ibaraki U., 2.Fac. Agr., Kagoshima U.)

P060	Effects of pollen parents on rutin content and related enzyme genes in buckwheat	☆Otsuka, S.1,2, T. Hara1, K. Ishiguro1, K. Matsushima3, Y. Yasui4, K. Matsui2,5 (1.Inst. HARC., NARO, 2.Grad. Sch. Lif., Univ. Tsukuba, 3.Inst. Agric. Acad. Assy. Fac., Shinshu U., 4.Grad. Sch. Agr., Kyoto U., 5.Inst. Crop Sci., NARO)
P061	Did SSIIa gene contribute to early heading rice breeding in Fukui Prefecture?	☆Makida, E.1, A. Kobayashi2, M. Suganami3, H. Yoshida3, S. Watanabe2, Y. Machida2, G. Chaya2, F. Nakaoka2, Y. Morinaka1, N. Sato2, M. Matsuoka3, K. Miura1 (1.Fukui Pref. Univ., 2.Fukui Agri. Exp. Stn., 3.Fukushima Univ.)
P062	Identification of alleles from wild soybeans that increase protein content without decreasing oil content	☆Park, C.1, T. NGUYEN1,2, D. LIU1,3, W. Qingyu3, D. Xu1 (1.Japan International Research Center for Agricultural Sciences (JIRCAS), 2.Agricultural Genetics Institute (Vietnam), 3.College of Plant Science, Jilin University (China))
P063	Impact of the semi-dwarfing gene Rht8 at a wheat breeding program in Hokkaido	○Hayashi, K.1, R. Saitou1, T. Sonoda1, S. Shimada2, K. Ohnishi2, K. Horikawa3, K. Sato4, S. Ohnishi1 (1.HRO Kitami AES, 2.Obihiro University of Agriculture and Veterinary Medicine, 3.HRO Kamikawa AES, 4.HRO Central AES)
P064	Identification of proteins that contribute to flour strength among elite breeding lines in a breeding program	○Kizawa, K.1, N. Ashikaga2, K. Hayashi2, S. Ohnishi2, K. Hayakawa1 (1.Cereal Science Research Center of Tsukuba, Nisshin Flour Milling Inc., 2.Hokkaido Research Organization Kitami Agricultural Experiment Station)
P065	Analysis of seed coat cracking caused by steaming on soybean cultivars suitable for natto.	○Okoshi, S.1, T. Matsui1,2, M. Iwahashi1,3, K. Okamoto1,4, K. Okano1 (1.Plant Biotechnology Institute, Ibaraki Agricultural Center, 2.Bandou District Agricultural Development and Extension Center, Ibaraki Western Agriculture and Forestry Management Office, 3.Agriculture Technology Division, Ibaraki Prefecture Department of Agriculture, Forestry and Fisheries, 4.Agricultural Research Institute, Ibaraki Agricultural Center)
P066	Analysis of the locus controlling the grain width of brown rice near the region of rice brown spot resistance gene bsr1	○Matsumoto, K., Y. Honda (Mie Pref. Agri. Res. Inst.)
P067	Rice lines introduced mutated spdt gene, which reduce phosphorus accumulation in grains, into Momiroman improved absorption of calcium	○Mizobuchi, R.1, M. Yamazaki2, H. Ohmori2, H. Ohtsu2, F. Nanto-Hara2, C. Tsuiki1, U. Yamanouchi1, A. Shomura1, N. Yamaji3, J. Ma3, K. Yoshida4 (1.Inst. Crop. Sci., NARO, 2.Institute of Livestock and Grassland Science, NARO, 3.Institute of Plant Science and Resources, Okayama University, 4.Graduate School of Agricultural and Life Sciences, The University of Tokyo)
P068	Effect of high spacing seeding of short stem soybean line to yield	○kono, Y. (Cent.Reg.Agr.Res.Ctr.,NARO)
P069	Exploring the loci derived from <i>Oryza meridionalis</i> regulating panicle morphology	☆Agata, A.1,2, H. Takahashi1, M. Nakazono1, Y. Sato2 (1.Grad. Sch. Bioagr. Sci., Nagoya U., 2.National Institute of Genetics)
P070	Search for the gene responsible for Frilly Petal Undulation 1 (fpu 1), a novel <i>Torenia</i> mutant.	☆Mayuzumi, T.1, M. Hatashita2, K. Takagi2, K. Ishi3, T. Abe4, Y. Kazama1,4 (1.Fac. Biosci. Biotech., Fukui Pref. Univ, 2.Wakasa-wan Ener. Cent, 3.NIRS, QST, 4.RIKEN Nishina Center)
P071	Diversity in the seed dormancy among the NARO Rice Core Collection of Japanese Landraces	☆Ishikawa, T.1, K. Murata2, T. Yamada1, M. Kanekatsu1 (1.Gr. Sch. Agr., Tokyo U. Agr. Tec., 2.Toyama Pref. Agr. Forest. Fish. Res. Cent.)

P072	Analysis of the function of the qLTG3-1 gene product in controlling low-temperature germination of rice seeds	☆Yamamoto, M.1, T. Yamaguchi2, K. Murata3, T. Yamada1, M. Kanekatsu1 (1.Grad. Sch. Agr., Tokyo U. Agr. Tec., 2.Toyama Pref. Tonami Agr. For. Prom. Cent., 3.Toyama Pref. Agr. Forest. Fish. Res. Cent.)
P073	Identification of the flowering time genes responsive to the environmental factors in the Dual-NAM populations.	○SAITO, H.1, K. Doi2, A. Abe3, S. Ogawa4 (1.JIRCAS, 2.Grad. Sch. Bioagr. Sci., Nagoya U., 3.Iwate Biotechnology Research Center, 4.Nosho Navi Co., Ltd.)
P074	Possible origin of new species from allodiploid hybrids between species with different chromosome numbers	☆Nakata, K., M. Kanekatsu, T. Yamada (United Grad. Sch. Agr. Tokyo U. Agr. Tech.)
P075	Proteomic analysis of soluble and insoluble proteins whose abundance varied in the cotyledons after inducing hybrid lethality in Nicotiana interspecific hybrids	☆Asai, A., M. Kanekatsu, T. Yamada (Grad. Sch. Agr., Tokyo U. Agr. Tech.)
P076	Search for genes related to pollen germination by transcriptome analysis in cytoplasmic male sterile tomato	☆Kuwabara, K.1, T. Ariizumi2 (1.Grad. Sch. Sci. and Tech., Univ. Tsukuba, 2.Fac. Life Env. Sci., Univ. Tsukuba)
P077	Effect of closure of the Plasmodesmata between the central cell and the egg cell on DNA methylation in the egg cell	☆kaneko, r., m. yasiro, t. kamada, a. hasegawa, d. susaki, n. sugi, k. tonosaki, d. maruyama, t. kinoshita (Kihara Institute for Biological Research)
P078	Difference and similarity between two cytoplasmic male sterility in sugar beet	Katsura, N.1, K. Itoh1, H. Matsuhira2, K. Yosuke2, ○T. Kubo1, K. Kitazaki1 (1.Res. Fac. Agr., Hokkaido Univ., 2.Hokkaido Agr. Res. C., NARO)