

10 September (9:00-11:45) Oral Presentation Program													
Chair: Hiroshi Hisano (Okayama Univ.)		Chair: Hideki Takanashi (Univ. Tokyo)		Chair: Takeshi Kuroha (NARO)		Chair: Toshio Yamamoto (Okayama Univ.)		Chair: Yoshihiro Inoue (Kyoto Univ.)		Chair: Yoshiyuki Yamagata (Kyushu Univ.)		Chair: Lanzhuang Chen (Minami Kyushu Univ.)	
101	Reference-based chromosome-scale assembly of Japanese barley (<i>Hordeum vulgare</i> ssp. <i>vulgare</i>) cultivar "Hayakiso 2"	201	Regulation of chromatin accessibility in the shoot apical meristem of rice by florigen activation complex	301	A mutant allele in qSOR1, rice gravitropism QTL, confers deeper rooting, resulting in enhanced drought resistance	401	Development of multimodal generative AI agents harnessing breeders' insights	501	Identification of the rice resistance locus Pi-eT05 consisting of four NLR genes	601	Development of maize transformation system using leaf primordia	701	Developmental stage-specific genotype-by-environment interactions for grain quality in Etsunan rice lines.
	○Tanaka, T. I, Y. Haraguchi2, T. Todoroki2, D. Saisho3, T. Abiko4, H. Kai2 (1.NAAC, NARO, 2.Fukuoka Agriculture and Forestry Research Center, 3.Okayama University, 4.Kyushu University)		☆Funayama, E. I,2, A. Hosaka3, H. Akashi2, K. Yamaguchi2, A. Yoshida2, H. Kida2, H. Yoshida2, J. Ito2, T. Kawakatsu4, H. Tsuji2,5 (1.Grad. Sch. Bioagric. Sci., Nagoya Univ., 2.Kihara Inst. Biol. Res., Yokohama City Univ., 3.Nihon BioData Co., 4.RIKEN BRC, 5.Biosci. Biotechnol. Center, Nagoya Univ.)		○Uga, Y. I, Y. Kitomi I, R. Kuroda I, R. Nakata I, M. Iba I,2, F. Soma I, S. Teramoto I, K. Sugimoto I, T. Kawai I (1.Inst. Crop Sci., NARO, 2.Tokyo Univ. Agri.)		○Yamada, T. I, A. Kaga2, J. Yonemaru I (1.Res. Cent. Agric. Info. Tech., NARO, 2.Inst. Crop Sci., NARO)		○Shimizu, M. I, S. Asuke2, A. Abe I, H. Takata2, H. Adachi3, T. Fujiwara3, T. Sakai4, Y. Tosa2, R. Terauchi I,4 (1.IBRC, 2.Grad. Sch. Agric. Sci., Kobe Univ, 3.Fac. Adv. Life Sci., Hokkaido Univ, 4.Grad. Sch. Agric., Kyoto Univ.)		☆Kojima, T. I, K. Tanaka I, Y. Mano2, T. Furuta3, M. Ashikari4, H. Tsuji4, A. Agata I, H. Takahashi I, M. Nakazono I (1.Grad. Sch. Bioagric. Sci., Nagoya Univ., 2.Inst. Livest. Grassl. Sci., NARO, 3.IPSR, Okayama Univ., 4.Biosci. Biotechnol. Center, Nagoya Univ.)		○Kobayashi, A. I, E. Yamamoto2, H. Yoshida3, S. Watanabe I, Y. Machida I, G. Chaya I, F. Nakaoka I, M. Matsuoka3 (1.Fukui Agri. Exp. Stn., 2.Meiji Univ., 3.Fukushima Univ.)
102	De novo genome assembly of wild emmer wheat using nanopore sequencing	202	Development of PHYTOMap for rice shoot apical meristem II	302	Estimation of Genetic Regions Associated with Waterlogging-Inducible Soil-Surface Root in the Wild Rice <i>Oryza glumaepatula</i>	402	Breeding support system enhancing use of breeding data	502	Mapping of a wheat blast resistance gene possessed by the Japanese wheat accession R3	602	Variation on crossabilities of bread wheat with Triticeae species	702	Population structure analysis of Indochinese rice landraces preserved as seed specimens collected over 60 years ago
	☆Nishimura, K. I, K. Ushijima I, Y. Yasui2, N. Takano I, R. Nakano2, Y. Monden I, K. Kato I, H. Nishida I (1.Grad. Sch. Environ. Life Nat. Sci. and Tech., Okayama Univ., 2.Grad. Sch. Agr., Kyoto Univ.)		☆Iwama, K. I, Y. Morishita I, H. Tsuji2,3 (1.Grad. Sch. Bioagric. Sci., Nagoya Univ., 2.Biosci. Biotechnol. Center, Nagoya Univ., 3.Kihara Inst. Biol. Res., Yokohama City Univ.)		☆Tamaru, S. I,2, T. Miyashita I, K. Katayama I, T. Kimoto I, H. Tokuo I, Y. Uga3, K. Shiono I (1.Grad. Sch. Biosci. Biotech., Fukui Pred. Univ., 2.JSPS Research Fellow, 3.Inst. Crop Sci., NARO)		Tanaka, R. I, T. Yamada2, E. Yamamoto I, ○H. Kajiya-Kanegae I,2 (1.Institute of Crop Science, NARO, 2.Research Center for Agricultural Information Technology, NARO)		☆Sota, K. I, S. Asuke2, Y. Tosa2, H. Handa I (1.Grad. Sch. Life Envi. Sci., Kyoto Pref. Univ., 2.Grad. Sch. Agr. Sci., Kobe Univ.)		☆Ryu, A., S. Sakuma (Fac. Agr. Tottori U.)		○Numaguchi, K. I, L. Sathya I, O. Chhourn2, Y. Higashikubo3, H. Saita4, Y. Sato5, R. Gutaker6 (1.Grad. Sch. Agr. Sci., Kobe Univ., 2.Cambodia Agr. Res. Dev. Inst., 3.Fucl. Agr., Kobe Univ., 4.Trop. Agr. Res. Front, JIRCAS, 5.Natl. Inst. Genet., 6.Royl. Bot. Gard., Kew)
103	Identification of early-heading genes in wild emmer wheat by repeated QTL analysis using F2 populations	203	Development of super resolution expansion microscopy for rice shoot apical meristem	303	Development of Culture Conditions for Genetic Transformation in the Sweetpotato Cultivar 'J-Red'	403	Demonstrating a breeding strategy using genomic prediction based on a NAM population	503	Development of DNA markers and discovery of novel alleles for tan spot of wheat resistance genes	603	Time-course single pollen RNA-seq analysis for elucidating a gametocidal gene in wheat	703	Genetic variation of grown root angle in rice (<i>Oryza sativa</i> L.) germplasm from Zambia
	☆Takano, N. I, K. Nishimura I, Y. Chang2, M. Okuma I, K. Murata2, R. Nakano2, T. Nakazaki2,3, K. Kato I, Y. Monden I, H. Nishida I (1.Grad. Sch. Environ. Life Nat. Sci. Tech., Okayama Univ., 2.Grad. Sch. of Agri., Kyoto Univ., 3.Office of Institutional Adv. and Comm., Kyoto Univ.)		☆Ishida, Y. I, Y. Morishita2, K. Iwama2, H. Tsuji3,4 (1.Sch. Agric., Nagoya Univ., 2.Grad. Sch. Bioagric. Sci., Nagoya Univ., 3.Biosci. Biotechnol. Center, Nagoya Univ., 4.Kihara Inst. Biol. Res., Yokohama City Univ.)		☆Kobayashi, H. I, M. Otani2, H. Matui I, H. Tabuchi3, K. Nishimura I, H. Nishida I, K. Kato I, Y. Monden I (1.Grad. Sch. Environ. Life Nat. Sci. Tech., Okayama Univ., 2.Res. Inst. Biore. Biotech., Ishikawa Pref. Univ., 3.KARC/NARO)		☆Sakai, T. I, R. Terauchi I,2, A. Abe2 (1.Grad. Sch. Agr., Kyoto Univ., 2.IBRC)		☆Taro, S. I, G. Ishikawa2, H. Nakamura3, A. Kurono I, T. Touyama I (1.Aichi Agri. Res. Cent., 2.NICS,NARO, 3.HARC,NARO)		☆Yamamori, K. I,2, K. Murata I, H. Kakui3, T. Yoshikawa I, S. Nasuda I (1.Grad. Sch. Agric., Kyoto Univ., 2.IPSR, Okayama Univ., 3.Grad. Sch. Agric. Life Sci., Univ. Tokyo)		☆Fujiwara, N. I, K. Ohshiro I, S. Komatsubara2, P. Mabvuto3, Y. Fukuta I (1.Univ. Ryukyus, 2.JICA, 3.ZARI)
Chair: Tsuyoshi Tanaka (NARO)						Chair: Hiromi Kanegae (NARO)		Chair: Motoki Shimizu (Iwate Biotech. Res. Center)					
104	High-Resolution Genomic Assembly of Hops (<i>Humulus</i>) to Unveil Sex Determination Factor	204	Chromatin state analysis of the rice shoot apical meristem using ATAC-seq imaging	304	Establishment of a genetic transformation system in <i>Echinochloa phyllopogon</i>	404	Integrative Analysis of Drought Response Using Multi-Omics Data in a Soybean RIL Population	504	GWAS-based identification of genomic regions conferring root-knot nematode resisatnce derived from the black oat (<i>Avena strigosa</i>) cultivar 'Terara'	604	Evaluation of the self-incompatibility inhibitor gene from cultivated potatoes	704	Evaluation of salinity tolerance in Bangladesh rice varieties under soil and two hydroponic cultivation conditions
	☆Segawa, T. I, T. Akagi2,3, R. Uchida2, H. Tanaka4, K. Shirasawa5, N. Yamagishi6, H. Yaegashi6, S. Natsume7, H. Takagi7, A. Abe7, M. Okuno4, A. Toyoda8, K. Sato9, Y. Honniden2, C. Zhang2, K. Ushijima2, J. Patzak I0, L. Horáková I I, V. Bačovský I I, R. Hobza I I, D. Charlesworth I 2, T. Itoh4, E. Ono I (1.Res. inst. SIC Ltd., 2.Okayama Univ., 3.Nihon BioData Co., Ltd., 4.Inst. Sci. Tokyo, 5.Kazusa DNA Res. Inst., 6.Univ. Iwate, 7.Iwate Bio. Res. Cen., 8.Natl. Inst. Genet., 9.Univ. Toyama, 10.Hop Res. Inst. Co. Ltd., 11.Institute of Biophysics, Czech Acad. Sci., 12.Inst. Ecol. Evol., Univ. Edinburgh)		☆Morishita, Y. I, R. Takata2, A. Yoshida2, A. Higo2, A. Harada3, H. Tsuji2,4 (1.Grad. Sch. Bioagric. Sci., Nagoya Univ., 2.Kihara Inst. Biol. Res., Yokohama City Univ., 3.Grad. Sch. Med. Sci., Kyushu Univ., 4.Biosci. Biotechnol. Center, Nagoya Univ.)		☆Sugahara, M. I, S. Iwakami2, K. Yasuda3, T. Gondo4 (1.Grad. Sch. Agr., Univ. Miyazaki, 2.Tokyo. Univ. Of. Agr. Tech, 3.Agr. Bior. Sci., Akita. Pre. Univ, 4.FSRC, Univ. Miyazaki)		☆Takahashi, Y. I, K. Sakurai2, Y. Toda3, Y. Fuji4, Y. Ohmori2, Y. Yamasaki2, H. Takahashi5, H. Takanashi2, M. Tsuda6, M. Hirai4, H. Tsujimoto7, M. Nakazono5, T. Fujiwara2, A. Kaga8, H. Iwata2, G. Morota2 (1.Fac.Agr.,Univ. Tokyo, 2.Grad. Sch.Agr.Life Sci., Univ. Tokyo, 3.Inst. Agro-Env. Sci., NARO, 4.RIKEN Center for Sustainable Resource Science, 5.Grad. Sch. Bioagri. Sci., Nagoya Univ., 6.Faculty of Food and Nutritional Sci., Toyo Univ., 7.Arid Land Res. Ctr., Tottori Univ., 8.Inst. Crop Sci., NARO)		○UWATOKO, N. I, K. Uesugi2, T. Mizubayashi I, G. Murata2, H. Yamakawa I, M. Katsura3 (1.Institute of Crop Science, NARO, 2.Institute for Plant Protection, NARO, 3.Kyushu Okinawa Agricultural Research Center, NARO)		☆Yamashita, M., I. Asai, A. Yasuga, K. Suzuki, K. Hosaka, R. Sanetomo (Obihiro University of Agriculture and Veterinary Medicine)		☆Inoue, Y. I, Y. Yamagata2, H. Yasui2 (1.Grad. Sch. Bioresour. Bioenviron. Sci., Kyushu Univ., 2.Fac. Agr., Kyushu Univ.)

			Chair: Junichi Itoh (Univ. Tokyo)	Chair: Shuji Matsushita (Agr. Tech. Res. Cent., HITRI)				Chair: Hiroyasu Kitashiba (Tohoku Univ.)	Chair: Koji Numaguchi (Kobe Univ.)				
105	Assembling autotetraploid genomes only by nanopore sequencing	205	The first developmental changes in rice shoot apical meristem during the transition	305	Development of a highly efficient genome editing technique in melon by iPB and creation of a long shelf-life melon ripened by exogenous ethylene	405	Selection and crossing of soybean RILs based on ionomic and genomic data for improving drought tolerance across distinct controlled environments	505	Genetic linkage analysis between the genes for seed coat color and resistance to Bean Common Mosaic Virus using DNA markers in common bean.	605	Knockout of mitochondrial gene, orf352, in Wild Abortive-cytoplasmic male sterile rice	705	Production of prebreeding lines from crosses between wild species Aegilops umbellulata Zhuk. lines encompassing genetic diversity and ph2 mutant bread wheat.
	○Naito, K.1, K. Akai2 (1.Res. Cntr. Genet. Resour., NARO, 2.Hokkaido Agr. Res. Cntr., NARO)	☆Honda, M.1, M. Tanaka1, W. Tanaka2, H. Tsuji1,3 (1.Kihara Inst. Biol. Res., Yokohama City Univ., 2.Grad. Sch. Integr. Sci. Life, Hiroshima Univ., 3.Biosci. Biotechnol. Center, Nagoya Univ.)	○Sasaki, K.1, K. Urano1, N. Mimida2, S. Nonaka3, H. Ezura2,3, R. Imai1 (1.NIAS, NARO, 2.Sanatech Life Science Co., Ltd., 3.Fac. Life Environ. Sci., Univ. Tsukuba)	☆Tarumoto, H.1, K. Sakurai1, S. Kinoshita1, Y. Toda2, Y. Ohmori1, M. Tsuda3, H. Tsujimoto4, A. Kaga5, H. Iwata1 (1.Grad. Sch. Agr. Life Sci., Univ. Tokyo, 2.Inst. Agro-Env. Sci., NARO, 3.Faculty of Food and Nutritional Sci., Toyo Univ., 4.Arid Land Res. Ctr., Tottori Univ., 5.Inst. Crop Sci., NARO)	○Yamaguchi, N.1, H. Sato2, K. Nakagawa3, K. Tanaka4, A. Hosoi5, K. Nakahara6 (1.Central Agr. Exp. Sta., HRO, 2.Tokachi Agr. Exp. Sta., HRO, 3.Kitami Agr. Exp. Sta., HRO, 4.Tokyo Univ. of Info. Sci., 5.Genome Res. Center, Tokyo Univ. of Agri., 6.Res. fac. Agr., Hokkaido Univ.)	☆Mon, H.1,2, S. Arimura3, T. Kazama1 (1.Grad. Sch. Bioresour. Bioenviron. Sci., Kyushu Univ., 2.Dept. Agri. Biotech, Yezin Agri. Univ., 3.Grad. Schl. Agri. Life Sci., The Univ. of Tokyo)	☆Son, I.1, K. Yoshida2, Y. Matsuoka1 (1.Grad. Sch. Agr. Sci., Kobe U., 2.Grad. Sch. Agr., Kyoto U.)						
106	New strategy for allele identification in autopolyploid sweet potato by Nanopore sequencing using allele-specific k-mer	206	Functional analysis of ASP1 and TAB1 during axillary bud development in rice	306	Genome editing of the S-locus EARLY FLOWERING3 gene in 'Kitawasesoba' via iPB-RNP method.	406	Strategic crossing using genome data to improve genetic potential in soybean RIL population	506	Identificaion of Candidate Regions for Tolerance in the Turnip Mosaic Virus Tolerance Mustard Cultivar 'BIAN GAN QING'	606	Production of neo-tetraploid and -diploid hybrids between Oryza sativa and O. rufipogon/longistaminata exhibiting high salt tolerance by in vitro fertilization	706	Rice and wheat hybrid mitochondrial genome changes rice - wheat root system architecture
	☆Nakahara, T.1, M. Tanaka2, K. Ushijima1, K. Nishimura1, H. Nishida1, K. Kato1, Y. Monden1 (1.Grad. Sch. Environ. Life Sci. Tech., Okayama U., 2.KARC/NARO)	☆Ohyama, A.1, T. Toriba2, M. Sato3, H. Tsuji3,4, W. Tanaka1 (1.Grad. Sch. Integr. Sci. Life, Hiroshima Univ., 2.Miyagi Univ., 3.Kihara Inst. Biol. Res., Yokohama City Univ., 4.Biosci. Biotechnol. Center, Nagoya Univ.)	☆Someya, R.1,2, K. Kuchitsu3, R. Imai1,2 (1.Grad. Sch. Sci. Tech., Tokyo Univ. Sci., 2.Inst. Agrobiol. Sci., NARO, 3.Dept. Appl. Biol. Sci., Tokyo Univ. Sci.)	☆Sakurai, K.1, Y. Toda2, M. Inamori1, K. Hamazaki3, H. Tsujimoto4, A. Kaga5, H. Iwata1 (1.Grad. Sch. Agr. Life Sci., Univ. Tokyo, 2.Inst. Agro-Env. Sci., NARO, 3.Adv. Int. Proj., RIKEN, 4.Arid Land Res. Ctr., Tottori Univ, 5.Inst. Crop Sci., NARO)	☆Hoshino, H.1, R. Kuwahara2, O. Kim2, K. Komatsu3, S. Yoshida3, K. Irie4, K. Wakui3 (1.Grad. Sch. Agri., Tokyo Univ. of Agri., 2.Dept. of Agri., Tokyo Univ. of Agri., 3.Dept. of Biores. Dev., Tokyo Univ. of Agri., 4.Dept. of Int. Agri. Dev., Tokyo Univ. of Agri.)	☆Wongla, W.1, S. Ono1, Y. Sato2, T. Okamoto1 (1.Dept. Biol., TMU, 2.Plant Gen., NIG)	○Ubi, B.1,2, R. Sugiura3, K. Ikpa-agodo3, N. Onda4, A. Satoh4, T. Maryenti4,5, T. Okamoto4, T. Ishii1,6,7 (1.IPDRE, Tottori Univ., 2.Dept. of Biotech., Ebonyi State Univ., Nigeria, 3.Grad. Sch. Sustainability Sci., Tottori Univ., 4.Grad. Sch. Sci., Tokyo Metro. Univ., 5.Bio, Fac. of Math. and Nat. Sci., Univ., Indonesia, 6.ALRC, Tottori Univ., 7.Ch. Eng. Res., Tottori Univ.)						
Chair: Ken Naito (NARO)													
107	Comparative genomic analysis of Koshihikari-related varieties based on the telomere-to-telomere sequence of Koshihikari genome	207	Functional analysis of strigolactone-related genes in rice shoot formation	307	Biochemical and molecular biological characterization of bas1 mutant in soybean seed	407	Single-step genomic best linear unbiased predictions in sugarcane	507	Selection and evaluation of herbicide-tolerant adzuki bean lines derived from callus of 'Benidainagon'	607	Mode of inheritance for the fertility restoration found in near isogenic lines of the F1 pollen sterility gene S21 from Oryza rufipogon and O. meridionalis	707	Analysis of genetic diversity and population structure of Himalayan wheat landraces
	○Yoshida, H.1, H. Takahashi1,2, T. Akagi3, D. Saisho4,7, M. Suganami1, G. Tamiya5,6,7, E. Yamamoto8, A. Kobayashi9, M. Matsuoka1 (1.IFeS, Fukushima Univ., 2.Fac. Food Agric. Sci., Fukushima Univ., 3.Nihon BioData Corp., 4.IPSR, Okayama Univ., 5.Grad. Sch. Med., Tohoku Univ., 6.ToMMo, Tohoku Univ., 7.AIP Center, RIKEN, 8.Grad. Sch. Agri., Meiji Univ., 9.Fukui Agri. Exp. Stn.)	☆Aimori, S.1, A. Ohyama1, T. Toriba2, W. Tanaka1 (1.Grad. Sch. Integr. Sci. Life, Hiroshima Univ., 2.Miyagi Univ.)	☆Asa, H.1, H. Morita2, H. Seki2, K. Matsumoto3, R. Shigeta3, K. Fujii3, T. Yamamoto3, Y. Masuda3, T. Yamada1 (1.Grad. Sch. Agric., Hokkaido Univ., 2.Grad. Sch. Eng., Univ. of Osaka, 3.Kanematsu Corp.)	○Morota, G.1, M. Goncalves2, L. Peterelli2 (1.Grad. Sch. Agr. Life Sci. Univ. Tokyo, 2.Federal Univ. of Vicos)	☆Adegawa, S.1, N. Yamaguchi1, C. Souma1, H. Nagasawa2, M. Oonami1,2, T. Maruta1,3, K. Shirasawa4 (1.Central AES, HRO, 2.Tokachi AES, HRO, 3.Donan AES, HRO, 4.Kazusa DNA Research Institute)	☆HARA, K.1, R. KUBOTA1, H. YASUI2, Y. YAMAGATA2 (1.Grad. Sch. Bioresour. Bioenviron. Sci., Kyushu Univ., 2.Fac. Agr., Kyushu Univ.)	☆Li, Y.1, Z. Meng1, M. Nitta1, A. Ohta1, K. Nemoto2, S. Goraffi1, S. Nasuda1 (1.Grad. Sch. Agri., Kyoto Univ., 2.Grad. Sch. Agri., Shinshu Univ.)						
					Chair: Tetsuya Yamada (NARO)		Chair: Yusaku Uga (NARO)				Chair: Naohiro Uwatoko (NARO)		
108	A Paradigm Shift in Genetics Driven by Complete Genomes: Mutation Biases in Genic and Non-genic Regions	208	Expression analysis of tillering-related genes in ectopic meristems of adaxial bipolar leaf mutants	308	Generation and characterization of lipoxygenase-deficient soybean mutants by site-directed mutagenesis	408	Validation of genomic selection efficiency in Perilla via crossing experiments	508	Imaging of the dynamics of root growth and radial oxygen loss during the seedling stage of rice using a planar oxygen optode	608	Allelic divergence of hybrid sterility gene S13 found between Aflican wild rice O. longistaminata and Asian cultivated rice O. sativa	708	Breeding of the Japanese two-row hullless waxy barley variety 'Fukei 1103' for Hokkaido.
	Akagi, T.1, ○D. Saisho2,7, H. Yoshida3, H. Takahashi3,4, Y. Ikeda2, T. Matsuda3,4, G. Tamiya5,6,7, A. Kobayashi8, M. Matsuoka3 (1.Nihon BioData Corp., 2.IPSR, Okayama Univ., 3.IFeS, Fukushima Univ., 4.Fac. Food Agric. Sci., Fukushima Univ., 5.Grad. Sch. Med., Tohoku Univ., 6.ToMMo, Tohoku Univ., 7.AIP Center, RIKEN, 8.Fukui Agric. Expt. Stn.)	☆Chiba, K.1, M. Kikuchi1, K. Yashima3, T. Yamazaki3, R. Okamoto3, M. Watanabe3, H. Sunohara2, N. Nagasawa3, N. Satoh-Nagasawa3 (1.Grad. Sch. Biores. Sci., Akita Pref. Univ., 2.Fac. Sci., Univ. Kumamoto, 3.Fac. Biores. Sci., Akita Pref.)	☆Tamamoto, Y.1, K. Okada1, Y. Haga2, Y. Takata1, K. Matsumoto3, R. Shigeta3, K. Fujii3, T. Yamamoto3, Y. Masuda3, H. Matsuura1, T. Yamada1 (1.Grad. Sch. Agric., Hokkaido Univ., 2.Fac. Agric., Hokkaido Univ., 3.Kanematsu Corp)	☆Kinoshita, S.1, K. Sakurai1, T. Tsusaka2, M. Sakurai2,3, K. Shirasawa4, S. Isobe1,4 (1.Grad. Sch. Agr. Life Sci., Univ. Tokyo, 2.TSUMURA & CO., 3.LAO TSUMURA CO.,LTD, 4.Kazusa DNA Res. Inst.)	○Shiono, K.1, S. Tamaru1,2, N. Fujiwara1, H. Shiba1,2 (1.Grad. Sch. Biosci. Biotech., Fukui Pred. Univ., 2.JSPS Research Fellow)	☆Shiozaki, K., M. Zin Mar, W. Takanishi, Y. Kishima, Y. Koide (Grad. Sch. Agriculture, Hokkaido Univ.)	○Kihara, M., R. Kanatani, T. Hoki (Crop Research Laboratories, SAPPORO BREWERIES LTD.)						

		Chair: Hiroyuki Tsuji (Nagoya Univ.)		Chair: Kentaro Sasaki (NARO)						Chair: Masahiko Mori (Obihiro Univ.)				
11:00	109	Extension and Evaluation of Graphite for Genotype Imputation and Error Correction Using Pedigree Structure	209	Functional analysis of spinach CONSTANS homologs using transgenic Arabidopsis thaliana	309	Targeted mutagenesis of soybean IFS2 gene by CRISPR-Cas3	409	Development of R package gpyramid for optimization of major gene pyramiding	509	Analysis of the regulatory mechanism of ABA response in the region of aerenchyma formation induced by moisture damage in rice roots.	609	New strategy to enhance soybean pod shattering resistance with quadruple GmMYB26 mutations	709	Contribution of variety development to recent wheat yield increases in Japan
		○Inamori, M.1, M. Minamikawa2, T. Shimizu3, M. Kunihi3a3, K. Nonaka3, S. Moriya3, H. Iwata1 (1.Grad. Sch. Agr. Life Sci., Univ. Tokyo, 2.IAAR, Chiba Univ., 3.NIFTS, NARO)		☆Hatsukade, M.1, R. Ishikawa1, K. Yamano1, H. Hirakawa2, Y. Onodera1 (1.Grad. Ach. Agr., Hokkaido Univ., 2.Grad. Ach. Agr., Kyusyu Univ.)		○Saika, H., N. Hara, M. Endo (Inst. Agrobiol. Sci., NARO)		☆Taniguchi, S.1, H. Shimizu2, T. Tanaka3, G. Ishikawa4, F. Kobayashi4 (1.Research Center for Agricultural Information Technology, NARO, 2.Kyushu Okinawa Agricultural Research Center, NARO, 3.Research Center for Advanced Analysis, NARO, 4.Institute of Crop Science, NARO)		☆Kojima, M., A. Shinozawa, K. Izawa, S. Nakamura (Dept. Bioscience, Tokyo Univ. Agric.)		○Takahashi, Y.1, R. Takeshima2, A. Kaga2, R. Nakata2, K. Naito1, M. Ishimoto2 (1.Research Center of Genetic Resources, NARO, 2.Institute of Crop Science, NARO)		○Yanagisawa, A.1,2 (1.HRO Fellow, 2.Calbee Potato, Inc.)
11:15			210	BoFLC2 Introgression Alters the Vernalization Response through Epigenetic Memory in Brassica rapa	310	Alternative splice acceptor site in MSH4 gene is responsible for male sterility conferred by ms5 in soybean	410	Assessment of Crop Interactions in Soybean–Sorghum Intercropping Using Time-Series UAV Data	510	Evaluation of waterlogging tolerance in maize introduced traits for formation of constitutive aerenchyma and radical oxygen loss barrier from Zea nicaraguensis	610	Chromosome-scale genome assembly of Dadachamame using long-read technology and estimation of candidate genes for good taste QTLs	710	Mutation breeding of the Satsuma mandarin ‘Harushizuka’ using heavy-ion beam irradiation and development of a DNA marker for cultivar identification
				☆Chowdhury, A.1, S. Yano1, K. Tonasaki2, R. Fujimoto1 (1.Graduated School of Agricultural Science, Faculty of Agriculture, Kobe University, 2.Kihara Inst. Biol. Res.)		Nagayama, T.1, H. Yamatani2, N. Yamaguchi3, H. Igarashi4, M. Tsuda5,6, S. Kato1, K. Takahashi1, ○A. Kaga1 (1.Inst. Crop Sci., NARO, 2.QST, Takasaki, 3.Central Agr. Exp. Sta., HRO, 4.Tokachi Agr. Exp. Sta., HRO, 5.T-PIRC, Tsukuba Univ., 6.Fac. Food Nutr. Sci., Toyo Univ.)		☆Isagawa, H.1, K. Sakurai2, S. Kinoshita2, J. Liu3,4, T. Ishi4,5, H. Takanashi2, M. Okada2, Y. Fujii6, Y. Ohmori2, H. Takahashi7, M. Tsuda8, W. Guo2, Y. Ichihashi6, H. Iwata2, M. Hiraio6 (1.Fac. Agr., Univ. Tokyo, 2.Grad. Sch. Agr. Life Sci., Univ. Tokyo, 3.Fac. Life and Env. Sci. Shimane Univ., 4.Arid Land Res. Ctr. (ALRC), Tottori Univ., 5.Int. Platf. Dryland Res. Educ. (IPDRE), Tottori Univ.), 6.RIKEN Ctr. for Sustainable Sci., 7.Grad. Sch. Bioagri. Sci., Nagoya Univ., 8.Faculty of Food and Nutritional Sci., Toyo Univ.)		☆Okada, T.1, F. Omori2, Y. Mano2, A. Agata1, H. Takahashi1, M. Nakazono1 (1.Grad. Sch. Bioagric. Sci., Nagoya Univ., 2.Inst. Livest. Grassl. Sci., NARO)		☆Shioya, N.1, M. Shimizu2, A. Abe2, E. Ogiso-Tanaka3, T. Hoshino1,4 (1.Grad. Sch. Agr., Iwate Univ., 2.Iwate Biotechnology Research Center, 3.Grad. Sch. Agr., Tokyo Univ. of Agr. & Tech., 4.Fac. Agr., Yamagata Univ.)		☆Ishii, K.1,2, T. Okubo3,4, Y. Shirakawa1, K. Tomura3, M. Kato3,5, T. Abe1 (1.Nishina Cent., RIKEN, 2.IRS, QST, 3.Fruit Tree Res. Cent., Shizuoka Pref. Inst. of Agr. and For., 4.Agr. Strategy Div., Agr. Bureau, Shizuoka Pref. Gov., 5.Tea Res. Cent., Shizuoka Pref. Inst. of Agr. and For.)
11:30			211	Functional analysis of FLOWERING LOCUS C homologs and identification of vernalization-responsive regions in Brassica rapa.	311	Functional analysis of the WOX4 gene regulating secondary meristem formation in soybean	411	New planar oxygen optode: New planar oxygen optode: New methods enable high-resolution and wide-area observation of oxygen dynamics in rice root systems	511	The Role of Absciscic Acid in Low Oxygen Stress Response	611	High-throughput QTL detection for good taste in Dadachamame using near-infrared spectroscopy	711	Breeding of Miyazaki's native vegetable "Itomaki-Daikon" using mass selection ~ Cultivation of "Nankyu Spool No. 7" ~
				☆Yamada, M.1, A. Chowdhury1, K. Osabe2, K. Tonasaki3, R. Fujimoto1, D. Buzas4 (1.Grad. Sch. Agric., Kobe Univ., 2.Plant Epigenetics Unit, Okinawa Inst. Sci. Technol., 3.Grad. Sch. Sci., Yokohama City Univ., 4.Grad. Sch. Life Environ. Sci., Univ. Tsukuba)		☆Goto, M.1, F. Hasegawa1, Y. Baba1, A. Kaga2, A. Agata1, M. Nakazono1, H. Takahashi1 (1.Grad. Sch. Bioagric. Sci., Nagoya Univ., 2.Inst. Crop Sci., NARO)		☆Shiba, H.1,2, Y. Egami3, Y. Kiyota3, K. Shiono1 (1.Grad. Sch. Biosci. Biotech., Fukui Pred. Univ., 2.JSPS Research Fellow, 3.Dept. Mech. Eng., Aichi Inst. Tech.)		☆Yokouchi, N.1, H. Tamai1, H. Takahashi2, M. Nakazono2, K. Izawa1, S. Nakamura1, A. Shinozawa1 (1.Dept. Bioscience, Tokyo Univ. Agric., 2.Grad. Sch. Bioagric. Sci., Univ. Nagoya)		☆Abe, H.1, N. Shioya2, E. Ogiso-Tanaka3, T. Hoshino1,4 (1.Grad. Sch. Agr., Yamagata Univ., 2.Grad. Sch. Agr., Iwate Univ., 3.Grad. Sch. Agr., Tokyo Univ. of Agr. & Tech., 4.Fac. Agr., Yamagata Univ.)		○Chen, L.1,2, T. Ochi1, S. Sugiura1, S. Mandai1, S. Yagii, Y. Kimura1, F. Abe1, C. Sarugaku1 (1.Fac. Envir. Hort. Sci., Minami Kyushu U., 2.Grad. Sch. Hort. & Food Sci., Minami Kyushu U.)
		11:45												11:45

11 September (9:30-12:45) Oral Presentation Program													
Chair: Shun Sakuma (Tottori Univ.)		Chair: Kazumitsu Onishi (Obihiro Univ.)		Chair: Jun Ito (Yokohama City Univ.)		Chair: Gota Morota (Univ. Tokyo)		Chair: Asako Kobayashi (Fukui Agri. Exp. Stn.)		Chair: Yu Takahashi (NARO)		Chair: Tomohiko Kazama (Kyushu Univ.)	
112	Identification of QTL for photosynthesis and yield in bread wheat chromosome 6A and elucidation of the surrounding genes	212	Study on floral meristem identity genes and morphological modification in German Chamomile	312	Impact of loss-of-function of DNA maintenance methyltransferase on the phenotype of the C24 accession of /Arabidopsis thaliana/	412	Accumulation of starch characteristic data in the 'Breeding Information Infrastructure' being developed by NARO.	512	Search for genes involved in varietal differences in the accumulation of protein aggregates under high-temperature stress in rice seedlings	612	Selection of high-sucrose soybean lines derived from EMS mutagenesis and crossbreeding for improvement of tofu taste	712	Development of Tomato Mutant Resources and Public Release of Exome Sequencing Database
	☆Hina, K.1, T. Ishii2, K. Nishimura3, Y. Matsuoka4, H. Tsujimoto2, R. Mega1 (1.Grad. Sch. Sci. Tech. Innov., Univ. Yamaguchi, 2.ALRC., Univ. Tottori, 3.Grad. Sch. Sci. Environ. Life Sci., Univ. Okayama, 4.Grad. Sch. Agri., Univ. Kobe)		○Kurogi, K.1, Y. Takahara2 (1.Grad. Sch. Materials Science and Bioengineering., Nagaoka University of Technology, 2.Materials Science and Bioengineering., Nagaoka University of Technology)		☆Kawamoto, Y.1, M. Yamashita1, T. Murakami1, K. Matsuo1, S. Shiraki1, M. Shimizu2, R. Fujimoto1 (1.Grad. Sch. Agri. Sci., Kobe Univ, 2.Iwate Biotechnology Res. Center)		○Araki, E.1, E. Kimura1, T. Umemoto1, K. Hori2, T. Ikegaya2, N. Suzuki2, K. Matsushita2, A. Goto2, M. Kuroki2 (1.Inst. Food Res., NARO, 2.Inst. Crop Sci., NARO)		☆Inushima, A., T. Yamada (Grad. Sch. Agr., Tokyo Univ. Agr. Tech.)		☆Takahashi, H.1, H. Igarashi2, S. Kobayashi3, N. Yamaguchi3 (1.Kamikawa Agr. Exp. Sta., HRO, 2.Tokachi Agr. Exp. Sta., HRO, 3.Central Agr. Exp. Sta., HRO)		☆Kuya, N.1, K. Sugimoto1,2, S. Kawamoto3, N. Fukuda1, H. Ezura1,4 (1.Tsukuba-Plant Innovation Research Center, Univ. Tsukuba, 2.Research Center for Advanced Analysis, NARO, 3.Department of Informatics, National Institute of Genetics, 4.Sanatche Life Science Co., Ltd.)
113	Effectiveness of Targeted Sequencing in QTL Mapping of Mutant Barley Lines: Insights from Heading Time Analysis	213	Identification of the headings-related gene TaBBX-A19 through the genetic analysis of a wheat early heading mutant	313	Secondary siRNA production of CHS-A cosuppression in petunia originates from multiple mRNA cleavage sites	413	Estimation for milling performance of wheat grains using image analysis	513	Estimating the impacts of 21st-century warming trends on the percentage of first-grade rice and the effectiveness of heat-tolerant cultivars in Japan	613	Effects of high temperatures on sucrose content of soybean seeds in Hokkaido.	713	Development of restorer of fertility lines and elucidation of fertility restoration mechanisms toward efficient F1 seed production in tomato
	☆Takeda, S., M. Okuma, A. Mandozai, K. Nishimura, K. Ushijima, Y. Monden, K. Kato, H. Nishida (Grad. Sch. Environ. Life Nat. Sci. Tech., Okayama U.)		☆Komura, S.1,2, F. Kobayashi2, Y. Oono2, H. Handa3, M. Kishi-Kaboshi4, F. Abe5, Y. Inoue1, K. Yoshida1 (1.Grad. Sch. Agr., Kyoto U., 2.NICS, 3.Grad. Sch. Life Env. Sci., Kyoto Pref. U., 4.Kazusa DNA Res. Inst., 5.NIAS)		☆Oguri, K., M. Yuhazu, M. Dwiyantri, A. Kanazawa (Res. Fac. Agr., Hokkaido Univ.)		☆Tani, M.1, T. Yamada2, G. Ishikawa3, S. Nishiuchi1 (1.Grad. Sch. Bioagr. Sci., Nagoy Univ., 2.RCAIT, NARO, 3.NICS, NARO)		○HASEGAWA, T., H. WAKATSUKI (National Agriculture and Food Research Organization (NARO))		☆Igarashi, H.1, H. Takahashi2, Y. Hosokawa3, M. Kawahara4, S. Koyano3, K. Nakamichi3, S. Kobayashi3, N. Yamaguchi3 (1.Tokachi Agr. Exp. Stn., HRO, 2.Kamikawa Agr. Exp. Stn., HRO, 3.Central Agr. Exp. Stn., HRO, 4.Tokachi Foundation)		☆Kuwabara, K.1, R. Nakajima2, A. Van Bosstraeten3, K. Ezura4,5, K. Toriyama1, T. Arizumi5, K. Shirasawa6 (1.Grad. Sch. Agric. Sci., Tohoku Univ., 2.Grad. Sch. Agri. Life Sci., Univ. Tokyo, 3.Grad. Sch. Sci. and Tech., Univ. Tsukuba, 4.JIRCAS, 5.Fac. Life Env. Sci., Univ. Tsukuba, 6.Kazusa DNA Res. Inst.)
Chair: Yuki Monden (Okayama Univ.)													
114	Identification of a candidate miRNA for sex determination in the staple crop white Guinea yam (Dioscorea rotundata)	214	Estimation of rice cultivating condition based on results of QTL analyses for heading date in Zambia	314	The petunia vein clearing virus genome encodes a suppressor against cosuppression	414	Trials to isolate the mutants from the plastid genome random-mutagenized populations	514	An approach to classifying heat tolerance ranks in rice cultivars using a model for estimating chalky grain percentage and field trials	614	Variation in carotenoid composition among yellow-fleshed potato varieties	714	Breeding of a new potato cultivar, "Kiyominori" for strach production with slightly strong resistance to Globodera pallida
	☆Kudoh, A.1, Y. Sugihara2, K. Iseki3, R. Matsumoto4, K. Minoji1, K. Onai1, A. Abe5, S. Natsume5, T. Sakai1, K. Oikawa5, M. Shimizu5, K. Itoh5, H. Adachi6, K. Honda1, S. Yamanaka3, P. Adebola4, A. Asfaw4, R. Terauchi1 (1.Grad. Agri., Kyoto Univ., 2.The Sainsbury Laboratory, 3.JIRCUS, 4.IITA, 5.IBRC, 6.Adv. Life Sci., Hokkaido Univ.)		☆Yonamine, K.1, H. Kobayashi1, S. Komatsubara2, R. Mulenga3, G. Munkombwe3, P. Mabuto3, M. Chinji3, E. Musabla3, N. Museta3, L. Kamguya3, j. Njobvu3, Y. Fukuta1 (1.Univ. Ryukyus., 2.JICA, 3.ZARI)		☆Kitagawa, T.1, H. Sobue1, K. Oguri1, M. Yuhazu1, T. Fukuhara2, A. Kanazawa1 (1.Res. Fac. Agr., Hokkaido Univ., 2.Dept. Appl. Biol. Sci., Tokyo Univ. Agr. Tech.)		☆Kosaka, N.1, Y. Harada1, I. Nakazato1, M. Okuno2, T. Itoh3, N. Tsutsumi1, S. Arimura1 (1.Grad. Sch. Agri. and Life Sci., Univ. Tokyo, 2.Sch. Med., Univ. Kurume, 3.Sch. Life Sci. and Tech., Inst. Science Tokyo)		○Wakatsuki, H.1, Y. Suzuki2, M. Hirayama2, H. Ishikawa2, T. Nakano2, T. Hasegawa1 (1.Institute for Agro-Environmental Sciences, NARO, 2.Plant Biotechnology Institute, Ibaraki Agricultural Center)		☆Ishizu, Y.1, A. Endo1, H. Sasaki2, T. Igarashi2, T. Yamada1 (1.Res. Fac. Agr., Hokkaido Univ., 2.Calbee Potato, Inc.)		○Akai, K.1, H. Nakajima1, I. Sakata1, S. Okamoto1,2, S. Tamiya1,3, K. Katayama1, E. Shimosaka1, K. Asano1 (1.Hokkaido Agricultural Research Center, NARO, 2.Center for Seeds and Seedlings, NARO, 3.Tohoku Agricultural Research Center, NARO)
Chair: Akio Onogi (Ryukoku Univ.)													
115	Considerations on Crossing and Selection Strategies in Citrus Breeding Informed by Progeny Segregation Forecasts Based on Genomic Prediction Models	215	Identification of the Genetic region Responsible for Extremely Late Bolting in the Turnip Variety 'Tokinashikokabu'	315	Study of tissue-specific expression of pATPase in Phalaenopsis orchid	415	QTL-seq GUI: A user-friendly tool for QTL-seq analysis with click-based operation.	515	Quantitative evaluation of heat tolerance of rice based on re-analysis of nationwide field experiment data collected through systematic review	615	Analysis of Vascular Browning and Differential Gene Expression in Japanese Pear 'Rinka' During Cold Storage	715	An in-house cultivar identification method and its application to local varieties of unknown origin
	☆Kimura, S.1, M. Minamikawa2, K. Nonaka3, T. Shimizu3, H. Iwata1 (1.Grad. Sch. Agr. Life Sci., Univ. Tokyo, 2.IAAR, Chiba Univ, 3.NIFTS, NARO)		☆Yano, S.1, A. Chowdhury1, M. Hara2, M. Sakemoto2, M. Shimizu3, H. Takagi2, R. Fujimoto1, K. Tonosaki4 (1.Grad. Sch. of Agri. Sci., Kobe Univ., 2.Faculty of Bioproduction Sci., Ishikawa Prefectural Univ., 3.Iwate Biotechnology Res. Center, 4.Kihara Inst. Biol. Res., Yokohama City Univ.)		☆Tashiro, R.1, Y. Takahara2 (1.Grad.Sch.Materials Science and Bioengineering.,Nagaoka University of Technology, 2.Materials Science and Bioengineering.,Nagaoka University of Technology)		☆Sakemoto, M.1, M. Takata1, T. Segawa1, M. Oishi1, M. Yoshizumi1, Y. Machi1, T. Shiraya2, H. Takagi1 (1.Ishikawa Prefectural University, 2.Niigata Prefectural Agricultural Research Institute)		○Toda, Y., H. Wakatsuki, Y. Ishigooka, T. Hasegawa (Inst. Agro-Env. Sci., NARO)		○Kawahigashi, H.1, H. Hayama1, H. Sakai2, S. Hirose3, M. Tatsuki1 (1.Institute of Fruit Tree and Tea Science, NARO, 2.Research Center for Advanced Analysis, NARO, 3.Institute of Agrobiological Sciences, NARO)		☆SANETOMO, R., A. Oriyama, K. Hosaka (Obihiro University of Agriculture and Veterinary Medicine)

			Chair: Wakana Tanaka (Hiroshima Univ.)	Chair: Daisuke Tsugama (Univ. Tokyo)	Chair: Etsuko Araki (NARO)	Chair: Toshihiro Hasegawa (NARO)	Chair: Ryo Ishikawa (Kobe Univ.)	Chair: Kotaro Akai (NARO)					
116	Genomic Predictions and genome wide association studies of first sprouting time in tea plant.	216	Substitution of vernalization requirement allele in the diversification of cultivated beet	316	Two Stabiliser loci in Antirrhinum suppress Tam3 transposition via a novel mechanism	416	A study on the development of hybrid progeny in Helleborus	516	Flour quality studies using candidate lines for heat stress tolerance.	616	Analysis of regulatory mechanism of gene expression associated with heterosis for low-pH tolerance during early growth in sugar beet.	716	Chloroplast pangenomics traces back to the origin of domesticated melon
	○Aoshima, C.1, J. Kawaki1, Y. Ishiguro2, A. Nagano3,4, T. Ikka2,5,6,7, H. Yamashita2,5,6,7 (1.Tea Res. Cent., Shizuoka Pref., 2.The United Graduate School of Agricultural Science, Gifu Univ., 3.BBC, Nagoya Univ., 4.Institute for Advanced Biosciences, Keio Univ., 5.Grad. Agr., Shizuoka Univ., 6.Res. Inst. Green Sci. Tech., Shizuoka Univ., 7.Res. Inst. Tea Sci. Tech., Shizuoka Univ.)	☆Oishi, M., R. Hayakawa, E. Taniguchi, K. Kitazaki, T. Kubo (Grad. Sch. Agr., Hokkaido Univ)	☆Wang, S.1, T. Yoshida2, K. Nakahara1, Y. Kishima1 (1.Research Faculty of Agriculture, Uni. Hokkaido, 2.Grad. Sch. Agriculture, Univ. Hokkaido)	☆Miyakawa, R.1, K. Koizumi2, K. kawamura2, S. Bang1, T. Ohnishi1 (1.Grad. Reg. Cre. Sci.,Univ. Utsunomiya, 2.Giardino Kawamura Co.,Ltd.)	○Tanaka, H.1, Y. Shikoro1, M. Tsuboi1, Y. Gorafi2,3, I. Tahir3,4, H. Tsujimoto4 (1.Fac. Agr., Tottori Univ., 2.Grad. Sch. Agr., Kyoto Univ., 3.ARC, Sudan, 4.ALRC, Tottori Univ.)	☆Yamada, K.1, H. Ogawa1, Y. Hiragori1, H. Matsuhira2, K. Kitazaki1 (1.Graduate School of Agriculture, Hokkaido University, 2.NARO, HARC)	☆Shigita, G.1, M. Okuma2, N. Sogo3, T. Seiko4, C. Muto4, K. Tanaka5, K. Shimomura6, M. Sugiyama6, Y. Kawazu6, H. Ezura1, K. Naito4, N. Tomooka4, K. Kato2 (1.Life Environ. Sci., U. Tsukuba, 2.Grad. Sch. Environ. Life Nat. Sci. Tech., Okayama U., 3.Grad. Sch. Environ. Life Sci., Okayama U., 4.Res. Center Genet. Resour., NARO, 5.Fac. Agr. Life Sci., Hirosaki U., 6.Inst. Veget. Flori. Sci., NARO)						
117	Validating genomic prediction models of the first sprouting time for genomic selection in tea plant breeding population	217	Changes in cytokinin content and sensitivity in frill mutants of Trenea	317	The analysis of genes related Endornavirus replication in Oryza sativa	417	Effects of Seed Tuber Production Methods on Sprouting Stability in Double Cropping of the Potato Cultivar 'Shimaakari' and Its Breeding Significance	517	Identification of Heat Stress-Related Genes Using Selfed Lines of Buckwheat	617	Pyramiding root QTLs DRO1 and qRL6.1 maintains photosynthesis and increases rice yield in paddy fields	717	Is there still native mulberry variety in Japan?
	○Kawaki, J.1, C. Aoshima1, Y. Ishiguro2, A. Nagano3,4, T. Ikka2,5,6,7, H. Yamashita2,5,6,7 (1.Tea Res. Cent., Shizuoka Pref., 2.The United Graduate School of Agricultural Science, Gifu Univ., 3.BBC, Nagoya Univ., 4.Institute for Advanced Biosciences, Keio Univ., 5.Grad. Agr., Shizuoka Univ., 6.Res. Inst. Green Sci. Tech., Shizuoka Univ., 7.Res. Inst. Tea Sci. Tech., Shizuoka Univ.)	☆Mayuzumi, T.1, K. Ishi2, M. Hatashita3, K. Takagi3, M. Kojima4, Y. Takabayashi4, H. Sakakibara4,5, T. Higashiyama6, T. Abe7, Y. Kazama1,7 (1.Fac. Biosci. Biotech., Fukui Pref. Univ, 2.NIRS, QST, 3.Wakasa-wan Ener. Cent, 4.RIKEN Center for Sustainable Resource Science, 5.Department of Applied Biosciences, Graduate School of Bioagricultural Sciences, Nagoya Univ., 6.Department of Biological Sciences, Graduate School of Science, Tokyo Univ, 7.RIKEN Nishina Center)	☆Masu, T., H. Naramoto, H. Moriyama (TUAT)	○Tanaka, Y.1, M. Sato2, S. Kashiwagi1 (1.Kagoshima Pref. Inst. for Agri., 2.Kagoshima Pref. College of Agri.)	☆Mochizuki, R.1,2, K. Fujino2, H. Shimura2 (1.KARC, NARO, 2.Res. Fac. Agr., Univ. Hokkaido)	☆Iba, M.1,2, Y. Arai-Sanoh1, R. Tanaka1, Y. Kitomi1, S. Teramoto1, K. Irie2, Y. Uga1 (1.NICS, NARO, 2.Tokyo Univ. Agr.)	○Matsumura, H.1, K. Hirauchi2, S. Yoshinobu2, R. Shimizu2, M. Suzuki2, A. Mizoguchi2 (1.Gene Res. Ctr, Shinshu Univ., 2.Grad. Sch. Sci. Tech., Shinshu Univ)						
Chair: Kosuke Hamazaki (RIKEN)													
118	Comparative analysis of genome-wide genotyping techniques in peanut	218	Improving rice lateral root development through understanding its auxin-dependent and independent regulatory pathways	318	Identification of Candidate Genetic Loci Associated with the Frequency of Chromosomal Mutations in an Nicotiana Interspecific Hybrid	418	Effect of combing SD1 and SPIKE genes under unfavorable environmental conditions in rice (Oryza sativa L.)	518	Identification of salt tolerant maize-wheat (ZeaWheat) and pearl millet-wheat (CenchrusWheat) cybrid lines produced through in vitro fertilization system	618	Genetic analysis of pre-harvest sprouting resistance by using backcross population from bread wheat × spelt wheat	718	Genetic diversity analysis of Taro (Colocasia esculenta Schott) with a focus on Japanese cultivars
	○Shirasawa, K.1, T. Tsugane2 (1.Kazusa DNA Res. Inst., 2.Chiba Pref. Agric. Forest Res. Center)	☆DONG, Y.1, S. Kushida1, M. Kanao1, C. Wainaina2, P. Lipio1, Y. Inukai3 (1.Grad. Sch. Bioagr. Sci., Nagoya U., 2.Dept. Hort. Food Sec., JKUAT, 3.ICREA, Nagoya U.)	☆Nakata, K.1, K. Nishimura2, S. Nagai3,4, T. Tezuka3, T. Yamada1 (1.United Grad. Sch. Agr., Tokyo U. Agr. Tech., 2.Grad. Sch. Env. Life Nat. Sci. Tech., Okayama Univ., 3.Grad. Sch. Agr., Osaka Metro. Univ., 4.Res. Inst. Env. Agr. Fish., Osaka. Pref.)	☆SEKIMATA, G., R. MOCHIZUKI, Y. FUKUTA (Univ. Ryukyus,)	☆Nowroz, F.1, N. Onda1, A. Satoh1, T. Ishii2, T. Okamoto1 (1.Dept. Biol., TMU, 2.ALRC., Univ. Tottori)	☆Diaz Suarez, L., S. Kamizawa, K. Yoshikawa, K. Inoshita, K. Onishi (Obihiro U. Agric.&Vet. Med.)	☆Iijima, Y.1, M. Ozeki2, Y. Mitsui1 (1.Grad. Sch. Agri., Tokyo Univ. Agri., 2.NODAI Genome Res. Ctr., Tokyo Univ. Agri.)						
		Chair: Yoshiaki Inukai (Nagoya Univ.)		Chair: Shuhei Nasuda (Kyoto Univ.)									
119	Genomic breeding research on fruit traits in persimmon cultivars	219	Genetic analysis of two kinds of asymmetric divisions during stomatal development in rice	319	Investigation of Rfmulti and the corresponding the cytoplasmic male sterility gene in Triticum-Aegilops alloplasmic lines	419	A methodology of genetic analysis for phenotypic plasticity using unstable climate of the northern-limit regions of rice cultivation	519	Elucidating the Na+ influx mechanism into the uppermost fully expanded leaf in Vigna luteola	619	Alterations in growth patterns following polyploidization of diploid wild strawberry	719	Evaluation of adaptability and quality characteristics of sweetpotato varieties in cold region
	☆Horiuchi, A.1,2, N. Onoue3, R. Matsuzaki3, K. Nishimura2, K. Shirasawa4, Y. Kubo2, K. Ushijima2, T. Akagi2, M. Minamikawa5 (1.Grad. Sch. Hort., Chiba Univ., 2.Grad. Sch. Environ. Life Nat. Sci., Okayama Univ., 3.Inst. Fruit Tree and Tea Sci., NARO, 4.Kazusa DNA Res. Inst., 5.IAAR, Chiba Univ.)	☆Miya, M.1, H. Takanashi2, Y. Sato1, J. Itoh2 (1.Natl. Inst. Genet., 2.Grad. Sch. Agri. & Life Sci., Univ. Tokyo)	○Tsujimura, M.1, Y. Oshikawa1, M. Takenaka2, T. Terachi3, S. Takenaka1 (1.Fac. Agr., Ryukoku Univ., 2.Grad. Sch. Sci., Kyoto Univ., 3.Fac. Life Sci., Kyoto Sangyo Univ.)	○Ito, Y. (Green Evolution Lab.)	☆Iki, Y.1, F. Wang2, K. Tanoi3,4, K. Naito2 (1.Grad. Sch. Front. Sci., Univ. Tokyo, 2.Res. Cntr. Genet. Resour., NARO, 3.Grad. Sch. Agri. and Life. sci., Univ. Tokyo, 4.Fukushima Inst. Res., Educ. and Innov. (F-REI))	☆Tomioka, H., S. Bang, T. Kurokura, T. Ohnishi (Grad. Reg. Cre. Sci., Utsunomiya U.)	○Ishiguro, K.1, T. Kuranouchi2, Y. Kai3, T. Hara1, S. Otsuka1, M. Nishinaka4, K. Taguchi4 (1.Hokkaido Agric. Res. Cent., NARO, 2.Inst. Crop Sci., NARO, 3.Kyushu Okinawa Agric. Res. Cent., NARO, 4.Cent. Reg. Agric. Res. Cent., NARO)						

11:30	120	Genome-wide association study of leaf morphological traits in leafy amaranth	220	Left-right asymmetry-driven physical interaction causes twisting in rice (<i>Oryza sativa</i>) leaves	320	PHENOTYPIC AND METABOLIC EFFECT OF HYBRID MITOCHONDRIA OF WHEAT AND MAIZE OR PEARL MILLET IN IN VITRO FERTILIZATION-DERIVED WHEAT CYBRIDS	11:30
	○Asri, S. I, K. Shirasawa3, Y. Yoshioka2 (1.Grad. Sch. Sci. & Tech., Univ. Tsukuba, 2.Inst. Life & Env. Sci., Univ. Tsukuba, 3.Kazusa DNA Research Institute)	☆Hikichi, K. I, S. Okada I, Y. Tokuyama2, S. Miura I, M. Taguchi I, Y. Kishima I, I. Takamure I, Y. Koide I (1.Graduate school of Agriculture, Hokkaido University, 2.National Institute of Genetics)		☆IKPA-AGODO, K. I, R. SUGIURA I, N. ONDA2, A. SATOH2, T. MARYENTI2,3, N. MOHAMED4,5, T. OKAMOTO2, T. ISHII4,6,7 (1.Graduate School of Sustainability Science, Tottori University, 2.Grad. Sch. Sci., Univ. Tokyo Metro., 3.Grad. Sch. Math., Univ. Indonesia, 4.IPDRE, Univ. Tottori, 5.Agri. Res. Corp. Sudan, 6.ALRC, Univ. Tottori, 7.Ch. Eng. Res. Univ. Tottori)			
		Chair: Kenta Shirasawa (Kazusa DNA)					
11:45	121	Genetic and epigenetic changes associated with ancient allopolyploidization of <i>Oryza coarctata</i> , the only halophyte in the genus <i>Oryza</i>	221	Quantification of barley stems and leaves spatial arrangement using 3D imaging and its application to genetic analysis	321	Identification of Mitochondrial Genome Factors Controlling the Phenotype of Rice-Wheat Cybrid Plant	11:45
	☆Nishiyama, N. I, T. Mochizuki I, M. Sakamoto I, Y. Tanizawa I, K. Tsuda I, S. Shimizu-Sato I, T. Yoshikawa2, S. Inagaki3, Y. Nakamura I, A. Toyoda I, Y. Sato I (1.National Institute of Genetics, 2.Kyoto University, 3.University of Tokyo)	☆Kikkawa, D., K. Nishimura, Y. Monden, K. Kato, H. Nishida (Grad. Sch. Environ. Life Nat. Sci. Tech., Okayama Univ.)		☆Sugiura, R. I, H. Tarutani I, A. Satoh2, T. Maryenti3, T. Okamoto2, T. Ishii4,5,6 (1.Grad. Sch. Sustainability Sci., Tottori Univ., 2.Grad. Sch. Sci., Tokyo Metro. Univ., 3.Bio., Fac. of Math and Nat. Sci., Univ. Indonesia, 4.ALRC, Tottori Univ., 5.IPDRE, Tottori Univ., 6.Ch. Eng. Res., Tottori Univ.)			
			Chair: Daisuke Saisho (Okayama Univ.)	Chair: Mai Tsujimura (Ryukoku Univ.)			
12:00	122	Mapping of novel QTLs that promote coleoptile elongation under oxygen deprivation in rice using GRAS-Di.	222	Regulation of germination by site-directed mutagenesis of HvMFT1 gene in barley	322	Complementation test of candidate genes responsible for dominant genic male sterility gene derived from rice cultivar Lebed.	12:00
	☆Hirano, H. I, S. Hirata2, M. Fukuda2, T. Fukao I (1.Grad. Sch. Biosci. Biotech., Fukui Pref. Univ., 2.Dept. Biosci. Biotech., Fukui Pref. Univ.)	○Hisano, H. I, N. Yamaji I, M. Hamaoka I, K. Sato2 (1.IPSR, Okayama Univ., 2.Grad. Sch. Agr. Setsunan U.)		☆Takahashi, K. I, Y. Fujita I, M. Sawamura I, Y. Iwai I, K. Igarashi I, T. Kazama I,2, R. Morita3, H. Ichida3, T. Abe3, K. Toriyama I (1.Grad. Sch. Agri., Tohoku Univ., 2.Fac. Agri., Kyushu Univ., 3.RIKEN, Nishina Cent.)			
12:15	123	Activated Mutator transposon in IR24 derivatives	223	QTL analysis for shattering in recombinant inbred lines derived from a cross between Miliyang 23 and Akihikari	323	High-Precision Reassembly of the RT98-Type Mitochondrial Genome and Transcriptomic Analysis of CMS-Associated ORFs	12:15
	○Ishikawa, R. I, R. Kanbe I, K. Ichitani2,3, エ. エレワラ カンカナンギ3, E. Fukai4, Y. Fukuta5, L. Dinh Thi I (1.Fac. Agri. and Life Sci., Hirosaki Univ., 2.Fac. Agri., Kagoshima Univ., 3.United Grad. Sch. Agri. Sci., Kagoshima Univ., 4.Fac. Agri., Niigata Univ., 5.Fac. Agri., Ryuku Univ.)	☆TOMARI, H. I, S. KOMATSUBARA2, R. MULENGA3, P. MABUTO3, M. CHINJI3, E. MUSABULA3, N. MUSETA3, L. KAMGUYA3, J. NJOBU3, Y. FUKUTA I (1.Univ. Ryukyus, 2.JICA, 3.ZARI)		☆Igarashi, K., K. Toriyama (Grad. Sch. Agri., Tohoku Univ.)			
12:30			224	Why was the single grain per spikelet selected for einkorn wheat?	324	Comparison of PPR genes and the fertility restoration effect on WA-type cytoplasmic male sterile rice among three fertility restorer lines from <i>O. rufipogon</i>	12:30
				○Sakuma, S. I, K. Nakamura I, C. Koiso I, S. Takenaka2, S. Nasuda3 (1.Fac. Agr. Tottori U., 2.Fac. Agr. Ryukoku U., 3.Grad. Sch. Agr. Kyoto U.)		☆Owada, A. I, K. Igarashi I, T. Kazama2, K. Toriyama I (1.Grad. Sch. Agri., Tohoku Univ., 2.Grad. Sch. Agri., Kyushu Univ.)	
			12:45			12:45	