

Instruction for poster presentation

The main goal of the poster session is to gain a maximum benefit from the scientific work presented and to create a lively interaction between poster authors, judges (experts in the field) and interested symposium participants.

Poster session

Poster session will be held on Saturday, Dec 17, 2016 (12:30-14:00) and Sunday, Dec 18, 2016 (12:30 – 14:00).

Core time for poster presentation: Dec 17, 2016 (12:30-14:00)- odd numbered posters

Dec 18, 2016 (12:30-14:00)- even numbered posters

The presenter should be present in front of the poster during this time. Since best three posters will be awarded, the judges will walk around the posters and ask questions to the presenters. Please prepare yourself for a 3 min presentation and 3-5 min question and answer session.

Cancellation of Poster Presentation

If you are unable to present your poster at the symposium for some unavoidable circumstances, please contact us by e-mail before Thursday, Dec 15, 2016 (via: rensympo@iwate-u.ac.jp).

Poster Size and preparation:

Please prepare your poster with A₀ size paper (841 x 1189 mm). Symposium committee will provide the presenter with the poster number before the symposium. Poster boards will have the numbers on it and the presenters are requested to mount their posters accordingly. Push pins and other required materials for mounting the posters will be provided.

To prepare the poster, use a clear typeface. The poster should be readable from a distance of 2-3 meters. This means that all lettering should be at least 8mm high. Graphs and diagrams should be drawn with a minimum line width of 1 mm. Please use proper color contrast.

Mounting and removing the poster:

Please mount the poster by 11:00 of December 17, 2016. Please remove your poster by 15:00 of December 18, 2016. If posters are not removed within the time for dismantling, your poster will be removed and disposed of.

Venue for poster session:

Poster session will be held in the Gallery of the main library of Iwate University.

PosterNo.	Presenter	Student/Faculty	Title	Authors
P-1	Rym Fekih	F	Apple latent spherical virus vector-induced flowering for shortening the juvenile phase in Japanese gentian and lisianthus plants	Rym Fekih, Noriko Yamagishi and Nobuyuki Yoshikawa
P-2	Mohammad Aslam	F	Auxin Response Plays a Crucial Role in MicroRNA-Mediated Low Temperature Stress Response	Mohammad Aslam and Abidur Rahman
P-3	Mohammad Arif Ashraf	S	GNOM-mediated endosomal trafficking pathway regulates cold stress in Arabidopsis thaliana	Mohammad Arif Ashraf, Abidur Rahman
P-4	Yukie Kobayashi	S	VPS9, a RAB5 GTPase activator regulates the high temperature stress response in Arabidopsis thaliana	Yukie Kobayashi, Yukino Nakasato, Mohammad Aslam and Abidur Rahman
P-5	Hiroyuki Imai	S	Understanding of the effect of blue light and cryptochromes on activation of cold acclimation pathways	Hiroyuki Imai, Yukio Kawamura, Akira Nagatani and Matsuo Uemura
P-6	Etsuko Watanabe	F	Proteomics study to analyze the plasma membrane proteins of drp1e mutant during cold acclimation in Arabidopsis	Etsuko Watanabe, Kotomi Yago, Mariko Kondo, Hiroyuki Imai, Anzu Minami, Matsuo Uemura, and Yukio Kawamura
P-7	Hayato Hiraki	S	Analyzing Low-temperature Sensing via Calcium Signals with Temperature Correction in Arabidopsis	Hayato Hiraki1, Matsuo Uemura1,2, Yukio Kawamura1,2
P-8	Maki Kanaya	S	Plant freezing tolerance at higher low temperatures are induced by daily change of temperature	Maki Kanaya, Yoko Tominaga, Matsuo Uemura and Yukio Kawamura
P-9	Shintaro Sugawara	S	Effect of Ozonated water treatment on plants growth of tomato under low temperature condition in a growth chamber	Shintaro Sugawara, Fumi Tatsuzawa and Kazuhisa Kato
P-10	Yusuke Masuya	S	Greater phenotypic plasticity of African rice than Asian rice in vegetative growth	Yusuke Masuya, Etsushi Kumagai, Maya Matsunami, Eiki Kuroda and Hiroyuki Shimono
P-11	Masahiro Odaira	S	Phenotypic plasticity to low planting density of chromosome segment substitution lines of rice cultivars "Koshihikari" and "Takanari"	Masahiro Odaira, Yusuke Masuya, Naohiro Aoki, Eiki Kuroda and Hiroyuki Shimono
P-12	Yuki Saitoh	S	Variations of phenotypic plasticity to low planting density of recombinant inbred lines of rice cultivars "Hitomebore" and "Shoni"	Yuki Saitoh, Akira Abe, Eiki Kuroda and Hiroyuki Shimono
P-13	Andreas H. Kurniawan	S	Effect of Chinese mystery snail on performance of rice plant and its possible mechanism	Andreas H. Kurniawan and Satoru Sato
P-14	Keita Hosoya	S	Why some paddy could reach high yield despite unfertilized cultivation?	Keita Hosoya, Shu-ichi Sugiyama
P-15	Hatsumi Kumagai	S	The characteristics of flowering and fruiting in summer-to-autumn in highbush blueberry	Hatsumi Kumagai, Manabu Watanabe, Masanobu Murakami, Akira Suzuki, Sadao Komori
P-16	Shinsuke Takashima	S	Effects of application of spent shiitake substrates of various conditions on fruit yield of tomato and soil nutrients in the field	Shinsuke Takashima, Fumi Tatsuzawa and Kazuhisa Kato
P-17	Keitaro Hosogoe	S	Antioxidant activity in the juice of colored radishes (<i>Raphanus sativus</i> L.)	Keitaro Hosogoe1, Fumi Tatsuzawa2 and Kazuhisa Kato2
P-18	Faezeh Khatami	S	Effective DNA extraction method for rose petal tissue	Faezeh Khatami, Fataneh Yari, Farzaneh Najafi and Ramezan-Ali Khavarinejad
P-19	Y. Saito	S	Inactivation of <i>Ralstonia solanacearum</i> Using Discharge under Culture Solution in Hydroponics	Y. Saito, K. Takano, T. Okumura, K. Takahashi, K. Takaki, N. Saita, and T. Fujio
P-20	Christine D. Santiago	S	Potential bacterial inoculants promote mycorrhization in potato seedlings	Christine D. Santiago, Dennis Marvin O. Santiago, Yoshitake Orikasa, and Takuji Ohwada
P-21	Jiaheling Qi	S	Toxicity of <i>Bacillus thuringiensis</i> culture filtrate to <i>Meloidogyne incognita</i>	Jiaheling Qi 1,2; Daigo Aiuchi 2; Shin-ichiro Asano3; Masanori Koike2
P-22	Oyungereel Natsagdorj	S	Assessment of plant growth-promoting bacteria isolated from Sugar beet (<i>Beta vulgaris</i> L.) by biochemical characteristics and plant tissue localization	Oyungereel Natsagdorj1,2, Christine M. Dolores Santiago1,2, Hisayo Sakamoto1, Dennis Marvin O. Santiago3, Kazuyuki Okazaki4, Seishi Ikeda4, and Takuji Ohwada1,2
P-23	Moe Yamashita	S	Species difference and yearly change of radioactive cesium concentration in grasses	Moe Yamashita, Souma Sato, Natsumi Takahara, Daiki Yamashita, Mikinori Tsuiki and Yasuko Togamura
P-24	Daiki Yamashita	S	Modeling of radioactive cesium dynamics on Japanese semi-natural grassland	Daiki Yamashita, Moe Yamashita, Mikinori Tsuiki and Yasuko Togamura
P-25	Erina Tarumi	S	Prediction of cool season grass productivity under global warming condition	Erina Tarumi, Takenori Abe, Mikinori Tsuiki and Akinori Mori
P-26	Krishna Rani Barai	S	Comparative analyses of land use pattern and socio-economic status between shrimp and crop cultivated areas in the South-West coastal region of Bangladesh	Krishna Rani Barai 1, Koji Harashina 2, Naoya Satta2, Takeyuki Annaka3
P-27	Kenichiro Shioi	S	Artificial intelligence (AI) as a tool for rice breeding (1) Confirmation of mining method from big data	Kenichiro Shioi, Etsushi Kumagai, Eiki Kuroda and Hiroyuki Shimono
P-28	Yuko Sakajiri	S	Computational study for red-shifted absorption spectrum mechanism of a light-driven Na ⁺ channelrhodopsins	Yuko Sakajiri
P-29	Asako Riera	S	Life cycle assessment of dairy and beef production utilizing Agricultural Production Technology Systems	Asako Riera, Yoshiko Hinosawa and Mikinori Tsuiki
P-30	Takashi Koyama	S	A novel mutant of <i>Caenorhabditis elegans</i> showing spermatogenesis and embryogenesis defects	Takashi Koyama, Megumi Endo, Dai Ozaki, Takehiro Chiba, Chisato Ushida
P-31	Takehiro Chiba	S	Binding of a <i>C. elegans</i> Y RNA to ROP-1	Takehiro Chiba, Mamami Sato, Shinya Kihara, Simon Goto, Hyouta Himeno, Chisato Ushida
P-32	Riku Miyamoto	S	Functional expressions of mammalian vomeronasal receptors for screening pheromones in transgenic <i>Caenorhabditis elegans</i>	Riku Miyamoto, Tokumitsu Wakabayashi, Tetsuro Yamashita, and Masao Miyazaki
P-33	Miwa Yamada	F	Glyoxylic acid production from glycolic acid by resting cells of recombinant <i>Escherichia coli</i> harboring a novel alcohol oxidase gene from <i>Ochrobactrum</i> sp. AIU 033	Miwa Yamada, Hitomi Muto, Kimiyasu Isobe, and Hitoshi Shimoi
P-34	Miku Maruyama	S	The methanol extract of Kuji amber and kujigamberol have anti-allergic activity against RBL-2H3 cells and guinea pigs	Miku Maruyama, Miki Kobayashi, Yusuke Okawa, Eisaku Shimizu, Shota Uesugi, Misa Ohno, Ken-ichi Kimura
P-35	Tetsuaki Kawamura	S	Supercritical fluid treatment for Kuji amber and identification of a degradation product	Tetsuaki Kawamura, Hiroyuki Koshino, Shota Uesugi, Yoshiyuki Nagasawa, Hidetaka Nanao, Misa Ohno, Masayuki Shirai, Ken-ichi Kimura
P-36	Narandulam Usukhbayar	S	Cell death inducing mechanisms of endoperoxide and hydroperoxide compounds derived from edible wild plant <i>Cacalia delphinifolia</i>	Narandulam Usukhbayar, Yuta Takahashi, Yukie Takano, Misa Ohno, Shota Uesugi, Ken-ichi Kimura
P-37	Shota Uesugi	S	Identification of the molecular targets and electrophilic properties of covalent-binding anti-cancer compounds	Shota Uesugi, Makoto Muroi, Yasumitsu Kondoh, Tetsuro Yamashita, Yoshitomo Shiono, Masaru Hashimoto, Hiroyuki Osada, Ken-ichi Kimura
P-38	Taro Yaegashi	S	Effect of AC Electric Field on the post-mortem changes in Japanese scallop (<i>Patinopecten yessoensis</i>) during cold storage (4°C)	Taro Yaegashi, Chunhong Yuan, Takamasa Okumura, Katsuyuki Takahashi, Koichi Takaki, Bunei Syuto
P-39	Kazuki Yamada	S	Conformational change in bovine serum albumin by AC electric field	Kazuki Yamada, Taro Yaegashi, Takamasa Okumura, Takanori Ito, Shigeyoshi Yamazaki, Sumio Aisawa, Bunei Syuto, Katsuyuki Takahashi and Koichi Takaki
P-40	Takashi Nagashima	S	A regulatory mechanism of mitochondrial calpains	Takashi Nagashima, Tetsuro Yamashita, Hiroshi Tomita, Eriko Sugano and Taku Ozaki
P-41	Syota Kudo	S	Characterization of ERp57-associated proteins in the mitochondria	Syota Kudo, Taku Ozaki, Masao Miyazaki, Tetsuro Yamashita
P-42	Takanobu Murooka	S	Identification of bioactive compounds inducing matatabi dancing from matatabi (<i>Actinidia polygama</i>) in the domestic cat	Takanobu Murooka, Yu Miyazawa, Masaatsu Adachi, Tetsuro Yamashita, Toshio Nishikawa, Masao Miyazaki
P-43	Minoru Maita	S	Neonomics identified urinary pheromones eliciting the flehmen response in the domestic cat (<i>Felis silvestris catus</i>)	Minoru Maita, Jana Caspers, Tetsuro Yamashita, Stefan Schulz, and Masao Miyazaki
P-44	Nao Matsuda	S	The comprehensive expression profiles of pheromone receptors in the domestic cat	Nao Matsuda, Shoko Nakamura, Tetsuro Yamashita, Nobuaki Nakamura, and Masao Miyazaki
P-45	Kengo Suzuki	S	Screening for ligands for cat-specific olfactory receptors	Kengo Suzuki, Tetsuro Yamashita, and Masao Miyazaki
P-46	Chiharu Suzuki	S	Temporal chemical profiling of the headspace gas emitted from the urine of domestic cats and their olfactory discrimination abilities	Chiharu Suzuki, Tetsuro Yamashita, and Masao Miyazaki
P-47	Ayami Futsuta	S	Enhancing a shunt of the mevalonate pathway decrease cholesterol biosynthesis but increase feline production in the domestic cat	Ayami Futsuta, Yamashita, T., Miyazaki, M.
P-48	Akihito Mitsuya	S	nose	Akihito Mitsuya, Jun-ichi Kita, Yoshihiro Aoyama, Motoo Kinoshita, Tetsuro Yamashita, and Masao Miyazaki
P-49	Shinya Kawaguchi	S	Effect of high voltage pulse application on laccase5 and laccase1 expression of hypha of <i>Lentinula edodes</i>	Shinya Kawaguchi, Kohei Yoshida, Hiroto Kanemitsu, Koichi Takaki, Kyusuke Takahashi and Yuichi Sakamoto
P-50	Kanako Hara	S	N-terminal region of modified Volvox channel rhodopsin-1(mVchR1) enhances Na ⁺ Influx by drowing hydrogen ion and ion pathway.	Kanako Hara1, Yoshito Watanabe1, Yuko Sakajiri2, Eriko Sugano1, Hiroshi Tomita1