

JSCP B 2019, List of poster presentation

Poster #	Author	Title	Poster #
P1-1	Endo Koji	Fixed wavelength fiber laser multi-photon excitation of organic dyes	P1-1
P1-2	Habe Shunya	Multiple effects of the male ant substances in <i>Camponotus japonicus</i> ; Pheromone for worker ants functions as an allomone against predator birds.	P1-2
P1-3	Hasebe Masaharu	Pars intercerebralis neurons show photoperiodic change in their spontaneous firing activity in the bean bug <i>Riptortus pedestris</i>	P1-3
P1-4	Hayashi Misa	Expression pattern of gustducin in the intestinal epithelial cells in cecum and large intestine of primate	P1-4
P1-5	Hayashi Munehiro	Direction-selective motion detection simulation of the optic lobe using <i>Drosophila connectome</i>	P1-5
P1-6	Hayashi Yuto	The mechanism of territory recognition in <i>Drosophila elegans</i>	P1-6
P1-7	Hayashida Yoshiki	Directional tuning characteristics of multisensory neurons in the cricket brain	P1-7
P1-8	Iino Shiori	Detection of brain neural activity in the bumble bee (<i>Bombus ignitus</i>) workers associated with foraging behavior using immediate early genes	P1-8
P1-9	ILIĆ Marko	Modeling of lateral inhibition in the lamina as the basis of acute color vision in a butterfly <i>Papilio xuthus</i>	P1-9
P1-10	Ito Yuki	Auditory-induced alteration and enhancement of visual perception revealed by behavioral paradigm in Mongolian gerbil	P1-10
P1-11	Kadomatsu Kyoko	The effect of lipid environment of outer segment membranes on the activation of photoreceptor specific G protein, Transducin	P1-11
P1-12	Kuroiwa Shunya	Compensatory food selection buffers the effects of nutritional imbalance in crickets, <i>Gryllus bimaculatus</i>	P1-12
P1-13	Lee Hayeong	Realistic neuronal models for the olfactory neural network of <i>Bombyx mori</i>	P1-13
P1-14	Matsumura Yasuhiro	Identification of target genes of a transcription factor Mblk-1 preferentially expressed in the large-type Kenyon cells in the honeybee brain using ChIP-seq analysis	P1-14
P1-15	Misawa Tomoyuki	Identification and functional analysis of higher order neurons underlying color vision in <i>Drosophila melanogaster</i>	P1-15
P1-16	Mizuguchi Daisuke	Why do birds sing? - The role of singing in the maintenance of song acoustic structure in adult zebra finches	P1-16
P1-17	Nakagawa Marika	Comparative analysis of photoperiod dependency on daily Cry expressions in the eyes of medaka and zebrafish	P1-17
P1-18	Nishiyama Haruka	Light sensing and avoidance by a non-ocular system in <i>Limax valentianus</i>	P1-18
P1-19	Nozaki Tomonari	Endoreduplication and insect endosymbiosis: determination of ploidy levels in aphid bacteriocytes and <i>Buchnera</i> symbiont	P1-19
P1-20	Ogawa Sho	Control of foreleg elevation during predatory strike in the mantis: effects of muscle activity on joint movements	P1-20
P1-21	Ohashi Hirono	Towards 4D printing technology for muscle cells	P1-21
P1-22	Ohashi Takuro	Search for auditory neurons that shape song selectivity in two <i>Drosophila</i> species	P1-22
P1-23	Okajima Kei	Analysis of the female searching behavior in silkworm moth by simultaneously measuring the change of odor distribution.	P1-23
P1-24	Otake Ryoga	Termite maze runner: transmission of excitement leads individuals to the correct route	P1-24
P1-25	Otani Mai	Comparative study of olfactory responses to odor components of the oriental orchid flower in Japanese and European honeybees	P1-25
P1-26	Saito Tomoka	Evaluating contribution of pineal opsin, parapinopsin-based color opponency to preference for dark and light in zebrafish larvae	P1-26
P1-27	Sakai Buntaro	The simulation of insect olfactory system using the biophysically detailed model with Spike-timing-dependent plasticity	P1-27
P1-28	Sakai Sotaro	Posture control of lower limbs of <i>Xenopus</i> by small multi-electrode stimulation of sciatic nerve bundle.	P1-28
P1-29	Sakita Tomoya	Argentine ant, <i>Linepithema humile</i> fears a body odor component of Japanese carpenter ant, <i>Camponotus japonicus</i> : An exploring study to the central and peripheral nerves systems	P1-29
P1-30	Suzuki Atsuki	Comparative analysis of the number of Kenyon cell subtype in the mushroom bodies of the brain among various insect species	P1-30
P1-31	Suzuki C. Hiromu	Loss of aversion to wasabi associates with electrophile insensitivity of TRPA1 in an herbivorous drosophilid fly	P1-31
P1-32	Takahashi Naomi	Separate but interactive parallel olfactory processing streams governed by different types of GABAergic feedback neurons in the mushroom body of cockroaches	P1-32
P1-33	Takaichi Daisuke	Combination of sensory stimuli modifies the following strategy of the courting male fly (<i>D. melanogaster</i>)	P1-33
P1-34	Takano Miku	Aminergic modulation of heart rate of crayfish	P1-34
P1-35	Takemae Kazuhiko	Neural connection of photoreceptor cells regulating background adaptation in zebrafish	P1-35
P1-36	Tamai Yuta	Laser induced auditory perception in Mongolian gerbil (<i>Meriones unguiculatus</i>)	P1-36
P1-37	Tateishi Kosuke	Postembryonic development of sex pheromone-responsive sensilla in the cockroach	P1-37
P1-38	Terutsuki Daigo	Discrimination of 1-octen-3-ol extracted from shiitake using Sf21 cells expressing insect odorant receptors	P1-38
P1-39	Tomiyama Yasuaki	Functional analysis of the clock gene <i>cwo</i> in the circadian clock of the cricket, <i>Gryllus bimaculatus</i>	P1-39
P1-40	Ueno Yuga	Bees decide their flight direction based on the polarized-light pattern in the sky	P1-40
P1-41	Wang Hsin-tzu	Social entrainment of behavioral rhythm in California mouse (<i>Peromyscus californicus</i>)	P1-41
P1-42	Watanabe Tomohiro	Mechanisms underlying the increase of brain dopamine with aging for sexual maturation in males in the honey bee	P1-42
P1-43	Xing Qiang	A paradigm for taste discrimination in the honeybee	P1-43
P1-44	Yamada Naoki	Experimental Verification of Printed Electrode for Electroantennogram	P1-44
P1-45	Yamamoto Takayuki	Development of smartphone-based simulations of nerve excitation and conduction for neurobiology education	P1-45
P1-46	Yamanaka Amami	Analysis of efferent projection neurons between the higher olfactory centers of the terrestrial slug <i>Limax</i>	P1-46
P1-47	Yanase Shihoko	Human newborn baby odor, a putative pheromone for early communication with adults.	P1-47

Poster #	Author	Title	Poster #
P2-1	Ando Noriyasu	Exploring common strategy of insect goal-oriented behavior by sensory substitution	P2-1
P2-2	Ashaber Maria	Combined membrane potential imaging and connectome of behavioral circuits in the medicinal leech	P2-2
P2-3	Haupt Shuichi S.	Octopaminergic modulation of taste in the honeybee	P2-3
P2-4	Hisatomi Osamu	Molecular mechanisms of a light-activatable transcription factor, Photozipper	P2-4
P2-5	Ikeda Tetsuya	The effect of the antagonists of TRPV1, AMPA, NMDA or NK-1 receptor are different between mechanical and thermal allodynia in rats with neuropathic pain	P2-5
P2-6	Ikeno Hidetoshi	Presumable synaptic connections and neural modeling of the antennal mechanosensory center in the honeybee brain	P2-6
P2-7	Ikuta Rio	N-cadherin localization in taste buds of mouse circumvallate papillae	P2-7
P2-8	Ito Etsuro	Insulin administration mimics one-day food deprivation and induces context-dependent memory in <i>Lymnaea</i>	P2-8
P2-9	Ito Shin	Distribution of 5-HT1 like receptor in <i>Marsupenaeus japonicus</i>	P2-9
P2-10	Kagaya Katsushi	Double latches mediated ultrafast movement in mantis shrimp	P2-10
P2-11	Kinoshita Michiyo	Spectral properties of visual inputs to the mushroom body in a butterfly	P2-11
P2-12	Kohatsu Soh	Exploration of visual circuit that mediate male courtship in <i>Drosophila</i>	P2-12
P2-13	Kojima Daisuke	A transcription factor <i>Bsx</i> acts as the molecular switch determining the pineal versus retinal specificities in zebrafish	P2-13
P2-14	Koyanagi Mitsumasa	Optical regulation of intracellular signaling using bistable animal opsins	P2-14
P2-15	Kumaraswamy Ajayrama	Honeybee neuron refines processing of waggle dance signals during their maturation	P2-15
P2-16	Kunimatsu Jun	The putamen tail encodes the long-term object value information	P2-16
P2-17	Kurihara Keigo	Flying insect management in summer highways through academic-industrial collaboration	P2-17
P2-18	Maeda Toru	Different antennal lobe glomeruli activated by non-appetitive and appetitive food odors in the fly brain	P2-18
P2-19	Matsuo Ryota	Distribution and physiological effect of enterin neuropeptides in the olfactory centers of the terrestrial slug <i>Limax</i>	P2-19
P2-20	Minegishi Ryo	Analysis of locomotor circuits in <i>Drosophila melanogaster</i> by cell-type specific driver lines	P2-20
P2-21	Mori Chihiro	Coordination of song and dance in a songbird courtship behavior	P2-21
P2-22	Mori Masato	Calcium ions in the aquatic environment drive planarians to food	P2-22
P2-23	Morishita Fumihiko	Identification of neuropeptides in a marine snail, <i>Thais clavigera</i> , by the molecular cloning of precursors and analysis by nanoLC-LTQ Orbitrap MS/MS.	P2-23
P2-24	Murata Yoshihiro	Oral capsaicin thresholds and genotyping analyses of capsaicin receptor gene <i>TRPV1</i> in humans	P2-24
P2-25	Nakagawa Hideki	Control of the forelimb extension of the tree frog, <i>Hyla japonica</i> , in landing behavior with and without motor planning.	P2-25
P2-26	Nakamura Tadashi	Enhancement of the Olfactory Response by Lipocalin Cp-Lip1 in Newt Olfactory Receptor Cells: An Electrophysiological Study	P2-26
P2-27	Namiki Shigehiro	Enlarged macroglomerular complex in moths with elaborate antenna	P2-27
P2-28	Ogura Yukiko	Mere presence of co-forager automatically shifts human foraging tactics toward "smaller foods more frequently"	P2-28
P2-29	Onishi Toru	Definition of pre-molting of silkworm for estimating the posture controller	P2-29
P2-30	Owaki Dai	Rhythm Control Analysis of Stick Insect Walking Using Phase Response Curves Extracted via Muscle Electrostimulation	P2-30
P2-31	Sakai Masaki	Behavior of the last instar nymph of the cicada	P2-31
P2-32	Sakuma Chisako	The role of Transient-receptor-potential-like (TRPL) in blood sucking behavior of <i>Aedes aegypti</i>	P2-32
P2-33	Sato Chika	The nucleus accumbens core and shell inhibit redundant activities with different manners	P2-33
P2-34	Tabuchi Masashi	Sleep alters neuronal excitability to affect tau accumulation in a <i>Drosophila</i> model	P2-34
P2-35	Takahashi Toshio	The coordinated activities of nAChR and Wnt signaling regulate intestinal stem cell function in mice	P2-35
P2-36	Uebi Tatsuya	ER-body system guards plants against insects with few damage to both plants and insects by suppressing feeding motivation.	P2-36
P2-37	Ueno Kohei	A novel mode of dopamine release gated by postsynaptic activity	P2-37
P2-38	Wada Seiji	A signaling pathway of color information generated in parainopsin-expressing pineal photoreceptor cells to brain neurons in zebrafish	P2-38
P2-39	Watanabe Hidehiro	Postembryonic development of projection neurons in the cockroach antennal lobe	P2-39
P2-40	Yanagawa Aya	Perception of commercial LPS by <i>Drosophila</i> gustatory receptors	P2-40
P2-41	Yanagihara Shin	Role of VTA/SNC neurons in social enhancement of vocal learning in a songbird	P2-41
P2-42	Yoshida Masayuki	Respiration rate variability can be a measure of the emotional state in fish	P2-42
P2-43	Yoshii Taishi	The <i>BRWD3</i> gene is required for normal circadian activity rhythms in <i>Drosophila melanogaster</i>	P2-43