Poster list for JSCPB2021： 84 posters

Presentation	Symposium/	Day	Title	Presenter Name	漢字名	Presentation award nomination
AL-1	Award	2	Dressing living organisms in a thin polymer membrane, the NanoSuit®, enhancing survival across the continuum between air and high vacuum	Hariyama Takahiko	針山孝彦	
AL-2	Award	2	Physiological studies on multifunctional neural circuits in the annelid worm by comprehensive imaging of membrane potential	Tomina Yusuke	冨菜　雄介	
AL-3	Award	2	Molecular physiological study on rhodopsin-based visual and non-visual photoreceptions of a	NAGATA Takashi	永田崇	
S-01	S	1	Analysis of insect navigation behavior modulation mechanism using multimodal virtual reality	Shigaki Shunsuke	志垣 俊介	
S-02	S	1	Why do prey animals exhibit various patterns of escape directions?: an attempt to explain through the mathematical model, simulation, and manipulation experiment	Kawabata Yuuki	河端　雄毅	
S-03	S	1	Behavioral strategies in the game between predator and prey animals	Nishiumi Nozomi	西海 望	
S-04	S	1	Movement ecology of high migratory fish species	KITAGAWA Takashi	北川　貴士	
S-05	S	1	Surviving in the changing environment: Movement strategies of wild herbivores in Mongolia	Ito Takehiko Y.	伊藤 健彦	
P1-01	P	1	Pharmacological analysis of social learning in the cricket Gryllus bimaculatus	Segi Yuma	瀬木 優真	Yes
P1-02	P	1	Verification of the Turn Alternation Response in a Free-Walking Pill bugs Using a Movement Compensator	Fukai Kentaro	深井　健太郎	Yes
P1-03	P	1	Verification of the possibility of tool use in the pill bug with a tube attached to its antenna	Koshino Yasuhiro	越野　泰広	Yes
P1-04	P	1	Problem solving and autonomous behavior in the tug-of-war Pill Bugs	Mamiya Kazuaki	間宮　和明	Yes
P1-05	P	1	Parental ages affect the memory formation ability of offspring in crickets	Matsumoto Yukihisa	松本　幸久	No
P1-06	P	1	Physiological background of tactical shifts in social foraging	OGURA Yukiko	小倉 有紀子	No
P1-07	P	1	Climbing termination for emergence in 5th instar cicada nymphs	Sakai　Masaki	酒井正樹	No
P1-08	P	1	Extinction learning in crickets	TERAO Kanta	寺尾　勘太	Yes
P1-09	P	1	Heterosis and individual differences in song syllable learning abilities in F1 hybrid songbirds	Shibata Yukino	柴田　ゆき野	Yes
P1-10	P	1	Neural molecular mechanisms of the evolution of species-specific song in songbirds	TOJI Noriyuki	田路 矩之	Yes
P1-11	P	1	Intrinsic motivation for singing in songbirds is enhanced by temporary singing suppression and regulated by dopamine.	KOJIMA, Satoshi	小島　哲	No
P1-12	P	1	Effects of trail pheromone exposure on odor learning and brain gene expression in the ant, Pristomyrmex punctatus	Hamaya Yohei	濱屋　陽平	Yes
P1-13	P	1	Bioluminescence by luciferin analogues in mice, pill bugs, and blow flies	Nakamura Atsushi	仲村 厚志	No

P1-14	P	1	Electrophysiological analysis of the pars lateralis neurons under different photoperiods with immunohistochemical observation in the blow fly, *Protophormia terraenovae*	Masugata Nozomi	舛形 のぞみ	No
P1-15	P	1	Electrophysiological properties and morphology of a neurosecretory canopy cell in the pond snail, *Lymnaea stagnalis*	HAMANAKA Yoshitaka	浜中 良隆	No
P1-16	P	1	Photoperiodic effects on clock gene expression in the central nervous system in *Lymnaea stagnails*	Ju Kyungsu	Ju Kyungsu	Yes
P1-17	P	1	An identification of GABAergic neurons responsible for song preference learning	Imoto Keisuke	井本　圭亮	Yes
P1-18	P	1	The *piezo* gene contributes to the stability of the male copulation position in *Drosophila*	YAMANOUCHI Hayato	山ノ内　勇斗	Yes
P1-19	P	1	HADH functioning in neural cells regulates cold acclimation in *C. elegans*	Fukumoto Akihisa	福本　晃久	Yes
P1-20	P	1	The diversity of temperature acclimation was generated by neural circuit integrating oxygen and temperature information	Okahata Misaki	岡畑 美咲	Yes
P1-21	P	1	Expression analysis of serotonin transporter in learning and memory of the pond snail Lymnaea	Chikamoto Nozomi	近本 望充	Yes
P1-22	P	1	Ubiquitous expression of the clock genes period, cryptochrome and timeless in all the ganglia of Lymnaea stagnalis	Fujimoto Kanta	藤本 幹太	Yes
P1-23	P	1	Proteome analysis of insulin signalling associated with learning and memory in the CNS of pond	NAKAI Junko	中居　詢子	Yes
P1-24	P	1	The increase in CNS serotonin contents and the reversal of learning enhancement by long-term food deprivation are due to the activation of CNS autophagy in the pond snail Lymnaea stagnalis.	TOTANI Yuki	戸谷勇輝	Yes
P1-25	P	1	A possible regulation of cone light responses by melanopsin distributed to horizontal cells in the	Mano Momoka	真野　桃歌	Yes
P1-26	P	1	Toward detection of neural activity changes in the zebrafish brain derived from extraocular	Namikoshi Yuya	波越　裕也	Yes
P1-27	P	1	Comparative investigation of G protein activation ability of a non-visual opsin, zebrafish Opn3	Shirata Taishi	白田　泰士	Yes
P1-28	P	1	Transmission of light information generated in the pineal organ to the midbrain in zebrafish	Wada Seiji	和田　清二	No
P1-29	P	1	Spectroscopic characterization of anthozoa-specific opsins found in a reef-building coral	Sakai Yusuke	酒井 祐輔	No
P1-30	P	1	Molecular properties of opsin-like GPCRs identified in a primitive multicellular animal.	Takahashi　Naoki	髙橋　直樹	Yes
P1-31	P	1	Five opsins sensitive to blue to green lights are co-expressed in the eye photoreceptors of the terrestrial slug Limax	MATSUO Ryota	松尾亮太	No
P1-32	P	1	Mechanisms of Microwave Heating in Microwave Auditory Effect	KOIKE Makoto	小池　誠	No
P1-33	P	1	Morphological and electrophysiological properties of wind-sensitive interneurons in the cricket	Chida Hikaru	千田　輝	Yes
P1-34	P	1	Subcellular heterogeneity in Ca^{2+} responses to airflow in the local non-spiking interneurons of crickets	Shirahata Kota	白旗　洸太	Yes
P1-35	P	1	Corollary discharge evolution in electric fish	FUKUTOMI Matasaburo	福富 又三郎	Yes
P1-36	P	1	Neural activities against the osmotic changes and aquaporin	NISHI Takako	西　孝子	No
P1-37	P	1	Dose infrared laser irradiation from the outer ear elicits auditory perception?	Okamoto Aya	岡本　彩	Yes

P1-38	P	1	Loss of Microtubule associated proteins affects auditory signal processing	Tanaka Kazuki	田中　一樹	Yes
P2-01	P	2	Conditioned visual flight orientation in tethered honeybees	Kobayashi Norihiro	小林　宜弘	Yes
P2-02	P	2	Development of different individuality of honeybee waggle dancers.	AI Hiroyuki	藍浩之	No
P2-03	P	2	Spatial recognition based on polarized light information in the cricket Gryllus bimaculatus	Matsubara Nobuaki	松原　伸明	Yes
P2-04	P	2	Effect of the geomagnetic field on burrowing behavior of mole crickets	ENDO Tsubasa	遠藤 翼	Yes
P2-05	P	2	Measurement of flight attitude of an ambroshia beetle, Platypus quercivorus using a high-speed	IKENO Hidetoshi	池野　英利	No
P2-06	P	2	Selective sensory information uses in foraging ant workers	Ito Yuka	伊藤　裕香	Yes
P2-07	P	2	A Comparative study of repetitive whole-field motion responses in teleost larvae.	ISOE Yasuko	磯江 泰子	No
P2-08	P	2	Monitoring the ventilation activity of free-swimming zebrafish and its application to novel tank	YOSHIDA Masayuki	吉田 将之	No
P2-09	P	2	Audiovisual integration improves stimulus detection in head-fixed Mongolian gerbil	Ito Yuki	伊藤　優樹	No
P2-10	P	2	The effect of the analogue peptides of APGWamide on rat models of inflammatory and	Ikeda Tetsuya	池田　哲也	No
P2-11	P	2	Light/clock-generated neural computations regulating sleep-wake behavior	Tabuchi Masashi	Tabuchi Masashi	No
P2-12	P	2	The cephalic phase response and its regulation by the circadian clock in Drosophila	UMEZAKI, Yujiro	梅崎　勇次郎	No
P2-13	P	2	Alteration of gene expression contributing to high salinity tolerance of resting cysts in Colpoda	SOGAME Yoichiro	十亀陽一郎	No
P2-14	P	2	Identification of target genes of ecdysone receptor induced by foraging behavior in the brains of honey bee workers	Iino Shiori	飯野　史織	Yes
P2-15	P	2	Functional analyses of mKast, which is preferentially expressed in middle-type Kenyon cells in mushroom bodies of the honey bee, by producing knocked-out workers	Kohno Hiroki	河野　大輝	Yes
P2-16	P	2	Loss of αklotho causes adult-onset motor deterioration and short lifespan in zebrafish.	Kaneko　Ryoji	金子 遼司	Yes
P2-17	P	2	Negative thermotaxis in Chlamydomonas is controlled by transient receptor potential channels	Fueki Shunta	笛木 駿太	Yes
P2-18	P	2	Foxq2 determines blue cone identity in zebrafish	Kojima　Daisuke	小島 大輔	No
P2-19	P	2	Analysis of the Functional role of Neurocalcin-deltaB in Photoreceptor Cone cells	KISHINO Momoko	岸野　桃子	Yes
P2-20	P	2	The effect of the spatial distribution patterns of lipids on photoresponses of rod photoreceptors	Nishida Nanaho	西田　菜々穂	Yes
P2-21	P	2	Immunohistochemical investigation of the development of deep brain photoreceptor in the larval and adult lamprey	Kawano-Yamashita Emi	山下（川野）	No
P2-22	P	2	Spectral characterization of vertebrate opsins acting as a retinal photoisomerase	NAGATA Takashi	永田 崇	No
P2-23	P	2	Partitioning of gene expression among zebrafish photoreceptor subtypes	Ogawa Yohei	小川　洋平	Yes
P2-24	P	2	Functional analyses of physiological outputs of G-protein signaling pathways in intrinsically photosensitive-retinal ganglion cells	KIMATA Naoki	木股　直規	No
P2-25	P	2	Verification of the first landing process of animals using deep-sea arthropod *Bathynomus*	KITAGAWA Tatsuya	北川　達也	Yes

P2-26	P	2	Three-dimensional observation of the musculoskeletal system of forelegs in the mantis using X-ray micro-computed tomography	Kuwazuru Mahiro	桑鶴 真啓	No
P2-27	P	2	The simulation of motion detection of ON-edge object in the optic lobe using Drosophila	Hayashi Munehiro	林　宗弘	Yes
P2-28	P	2	Drosophila connectome based insect brain simulations on Fugaku using multi-compartment Hodgkin-Huxley type neuron models	Kazawa Tomoki	加沢　知毅	No
P2-29	P	2	Effects of a mixture of pheromone and other odorants in pheromone processing in the antennal lobe of the silkmoth	Matsudaira Chikayoshi	松平　親慶	Yes
P2-30	P	2	Comparative analysis of beacon aiming test in six ant species	Notomi Yusuke	納富 祐典	Yes
P2-31	P	2	Motion detection simulation of fly visual system that detect OFF-edge	Okuda Takayuki	奥田　恭之	Yes
P2-32	P	2	Dual mode of synaptic transmission regulates sleep in *Drosophila melanogaster*	ITO Yuichiro	伊藤　悠一郎	Yes
P2-33	P	2	Spectral analysis of background, spontaneous synaptic activity of brain neurons in crayfish	KAGAYA Katsushi	加賀谷 勝史	No
P2-34	P	2	Fruitless negative interneuron contributing to the licking in Drosophila courtship	Koganezawa Masayuki	小金澤　雅之	No
P2-35	P	2	Visual sensitivity for target detection in Target Selective Descending Neurons in the hoverfly	Ogawa Yuri	小川　裕理	No
P2-36	P	2	Sex pheromone receptors in the American cockroach	Tateishi Kosuke	立石　康介	Yes
P2-37	P	2	Comparative study of cricket auditory organs highlights modification of ossicles-like structures and tympanal membranes	Nishino Hiroshi	西野　浩史	No
P2-38	P	2	Morphology and spectral sensitivity of lamina monopolar cells of a butterfly, *Papilio xuthus*	WAKITA Daiki	脇田 大輝	Yes