Junior Investigator Poster Award 2023

Presentation No.	Title	Name	Affiliation
1Pm-005	Heterogeneity of branch formation mechanisms within single axon underlies sound localization circuit	Kazuki Furumichi	Nagoya University
1Pm-020	Effects of nuclear structural abnormalities and micronuclear propagation on neurovascular aging	Chihiro Maeda	University of Tsukuba
1Pm-022	Contribution of myelin impairment to cognitive decline with aging	Shiho Kunishima	Nagoya University
1Pm-035	Correlation between insular cortical spike activity and peripheral organ states	Kosuke Kinoshita	TOHOKU UNIVERSITY
1Pm-048	Importance of the ipsilateral dorsal premotor cortex in complex hand motor control and its age-related changes	Gen Miura	Osaka university
1Pm-066	Whole-brain analysis of neuronal activity induced by vagus nerve stimulation	Musashi Yamakawa	Tohoku university
1Pm-079	Oxytocin prevents impairment of learning and memory induced by scopolamine in mice.	Wakana Nagano	Tokyo university of science
1Pm-094	A closed-loop transcranial ultrasound irradiation system for an awake rat model of absence epilepsy	Kaede Yoshida	Hokkaido University
1Pm-098	P2Y1 receptor silencing in astrocytes ameliorated memory dysfunction in a mouse model of Alzheimer's disease	SHAN LUO	The University of Tokyo
1Pm-117	Chronic social stress increases phosphorylation of the orphan receptor GPR158 in the medial prefrontal cortex, attenuating stress-induced behavioral deficits	Tomonari Fujita	Kobe University
1Pm-140	A bleed-free multi-site automated injection robot for accurate, fast, and dense delivery of virus to mouse and marmoset brains	Shinnosuke Nomura	the University of Tokyo
1Pm-180	Development of a Behavioral Switching Task in a Head-Fixed Mouse	Ayaka Ogura	University of Tokyo
1Pm-184	Identification of early markers of subplate neurons in the mammalian cerebral cortex	Yurika Noguchi	Ochanomizu University
1Pm-188	Cerebellum sends signals related to behavioral errors to medial frontal cortex	Kaede Abe	Hokkaido university
1Pa-013	Input-specific modulation of the central amygdala neurons by dopamine	Miki Esaki	Tokyo University of Science
1Pa-021	The function of microglia on multi-sensory integration in the V2L	Mai Kagamiuchi	Nagoya University
1Pa-026	Decoding neural circuit diagrams of TIAM2S-induced beneficial effects in 3xTg-AD mice	Ching-AN Chen	National Cheng Kung University
1Pa-037	Neuronal circuit for multisensory integration in higher visual cortex	Mio Inoue	Nagoya University
1Pa-040	GPCR SRX is involved in temperature signaling underlying temperature acclimatization	Chinatsu Morimoto	Konan University
1Pa-050	Functions of identified sensory ascending projection neuron in the wind-elicited escape behavior of crickets	Ryuto Inoue	Hokkaido University
1Pa-053	Synaptic neurotransmission regulated by CAST would have important roles in the neuropathology of stress tolerance.	Daima Kobayashi	Tokyo University of Science
1Pa-066	Elucidating the cellular mechanisms of the dentate gyrus in chronic social defeat stress.	Kotomi Watanabe	Tokyo University of Science
1Pa-072	Computational mechanisms of risk preference generated in recurrent neural networks	Takashi Nakazawa	Kyoto University
1Pa-079	Post experience reactivation of hippocampal place cells encoding multiple locations	Taiki Yokoi	Tohoku University
1Pa-093	Opto-Chemogenetic Modulation of Astrocytic Buffering to Re-Establish Extracellular Homeostasis	Sabina Afroz Iqbal	Emory University
1Pa-111	Behavioral state-dependent deep learning classification of ASD from cortical activity in mice	Sumire Fukuda	Kobe University
1Pa-124	A paralogous gene of the hpd gene, specifically expressed in the brain barrier system of medaka fish, is essential for social hierarchy formation and phenylalanine-tyrosine metabolism in medaka fish.	Hikari Kaga	Tohoku university
1Pa-125	A versatile tool for automated quantification of natural/social behaviors in the common marmosets	Xincheng ZHAO	Kyoto University, Center for the Evolutionary Origins of Human Behavior (EHUB), System Neuroscience Section
1Pa-127	Context-dependent selectivity to natural scenes in the retina	Samuele Virgili	The Vision Institute
1Pa-136	Assessment of purification strategy for adeno-associated virus rh-10 vector	Naoki Tamura	Tokyo University of Science
1Pa-167	Exploration of reptilian circadian rhythm	Sakimi Nagashima	Graduate School of Medicine, Hokkaido University, Sapporo, Japan