

## NEURO2024 Junior Investigator Poster Awardees

Presentation No.	Title	Name	Affiliation
1P-044	Complex temporal dynamics in response to cortical stimulation in the deep layer of lateral superior colliculus	HIKARU SUGINO	Tokyo Medical and Dental University, Tokyo, Japan
1P-049	Sigma-1R Rescues Poly-PR Induced Motor Neuron Cell Death through Pom121-Mediated Nucleocytoplasmic Transport of Atf3	CHUN-YU LIN	China Medical University, Taichung, Taiwan
1P-055	Molecules required for astrocyte distribution during cerebral cortical development	Shun Takano	Keio University, Tokyo, Japan
1P-069	Understanding the emergence of firing of motor neuron populations in zebrafish spinal cord via voltage imaging	Ayane Hayashi	Saitama University, Saitama, Tokyo
1P-073	Temporal dynamics of Cbln1 and GluD2 expression on climbing fiber synapses in the developing cerebellum	Marin Shimizu	Keio University, Tokyo, Japan
1P-138	The insular cortex modulates autonomic nervous activity, heart rate, intestinal motility, and blood glucose levels	Reina Shiratori	Tohoku University, Miyagi, Japan
1P-187	Optogenetic inhibition of medial septal cholinergic neurons suppresses object recognition memory formation	Reo Shirane	National Defense Medical College, Saitama, Japan
1P-209	Chemogenetic activation and inhibition reveals a causal role for the orbitofrontal cortex in shaping decision biases under conflict	Ryo Tonami	Tohoku University, Miyagi, Japan
1P-334	Modeling neurodegenerative disorder by direct conversion of urine-derived epithelial cells into neurons	Keita Matsumoto	Keio University, Tokyo, Japan
1P-367	Development of a Mouse Model for Specific Regulation of VGAT Expression in Striatal Medium Spiny Neurons	Yuka Nakano	Keio University, Tokyo, Japan
1P-010	Functional analysis of the neuronal membrane molecule DSCAM using the ultra-high affinity ALFA-Tag Nanobody	Kento Hizawa	Tohoku University, Miyagi, Japan
1P-032	Molecular and circuit mechanisms of the induction of immediate early gene expression in astrocytes	Aoi Kuwahara	RIKEN Center for Brain Science, Tokyo, Japan / Waseda University, Tokyo, Japan
1P-135	Quantification of Stimulus Timing Prediction and its Change by Drug Administration in Waiting Time Task using head-fixed rats	Airi Mochimasu	Tokyo Medical and Dental University, Tokyo, Japan
1P-237	Regulatory mechanism of HADH during temperature acclimation in <i>C. elegans</i>	Yukina Mori	Faculty of Science and Engineering Konan University & Institute for Integrative Neurobiology, Kobe, Japan
1P-274	Potential involvement of perineuronal nets around parvalbumin-positive neurons in the generalization of fear memory.	Akari Nakamura	Kyushu University, Fukuoka, Japan
1P-289	Crosstalk between gut microbiota and host response in <i>dyrk1aa</i> -deficient autism model of zebrafish	Taiki Nishimura	Kyoto University, Kyoto, Japan
1P-017	SAPAP nanostructures that control glutamate receptor distribution in the postsynaptic density of brain glutamatergic synapses	Aiko Yokoyama	The University of Tokyo, Tokyo, Japan
1P-067	The role of ALS-related protein TDP43 in the development of callosal projections.	Yuzuki Kawae	Kumamoto University, Kumamoto, Japan
1P-122	Dopamine and D1 agonist reduced the activity recorded by Ca <sup>2+</sup> -imaging of direct pathway neurons in the striatum.	Mami Ando	Osaka University, Osaka, Japan
1P-125	The direction of change in neural activity during coordinated movements differed between healthy and Parkinson's disease animals.	Yuika Furusawa	Osaka University, Osaka, Japan
1P-227	Effects of diverse social relationships on the mental state in female mice	Izumi Matsumura	Kumamoto University, Kumamoto, Japan
1P-283	Prenatal PGD2-DP1 signaling activation exhibits behavioral abnormalities associated with autism-like mental/behavioral disorders in mice	Kenichiro Murata	Osaka University, Osaka, Japan
1P-308	Sex-dependent increased dyadic social interaction by lipopolysaccharide-induced inflammatory reactions in mice.	Mizuki Yamamoto	Keio University, Tokyo, Japan
1P-345	P2Y <sub>1</sub> receptor deficiency in Müller cells induces glaucoma-like pathology	Hinako Mori	University of Yamanashi, Yamanashi, Japan
1P-288	Evaluation of retrotransposition-capable L1 expression in mice models of autism using MORE-RNAseq	Tomonari Miyatake	Kumamoto University, Kumamoto, Japan