

The 44th Annual Meeting of the Japan Neuroscience Society  
 Junior Investigator Poster Award/  
 Junior Investigator Poster Development Award  
 List of Awardees

**Junior Investigator Poster Award**

Name	Affiliation	Title
Aya Okamoto	Doshisha University	Laser auditory prothesis: Evaluation of laser-induced perception using auditory masking
Taku Sogabe	Keio University	Mapping nanoscale organization of ionotropic glutamate receptor in vivo
Shota Nakayama	University of Toyama	The role for remote memory formation in the secondary auditory cortex
Airi Yoshimoto	The University of Tokyo	Ramelteon modulates gamma oscillations in the rat primary motor cortex during non-REM sleep
AKIHISA FUKUMOTO	Konan University	Cold acclimation regulated by neural fatty acid metabolism in mitochondria via HACD-1
Masahiro Nakano	The University of Tokyo	Inter-stimulus activity in mouse primary visual cortex encodes the timing of future visual events
Akinobu Ohba	Nagoya University	A role for hypothalamic MCH neurons in energy conservation during fasting
Tomoya Sawamura	Gifu University	Role of monoaminergic and GABAergic neurons projecting from the raphe nuclei and A11 region to the spinal defecation center in regulation of colorectal motility in rats
Shinnosuke Nomura	The University of Tokyo	Development of an automated injection robot that enables wide-field calcium imaging of more than 10,000 neurons
Kota Oshima	Keio University	Elucidation of migration profiles of the claustral neurons during brain development
Izumo Takei	Nagoya University	The role of astrocyte in Cross-modal plasticity
Jingkang ZHAO	Niigata University	The neural basis of social decision based on evaluation of others' intentions and social contexts
Tetsuya Yamada	The University of Tokyo	Balance of background inward/outward current controls density and calcium setpoint of spindle oscillation
Yu Min Loh	Nagoya University	Exploring the effect of temperature on the auditory system of <i>Aedes aegypti</i> mosquitoes
Kazuya Morita	Kanazawa University	Aquaporin-4 expression in the mouse cerebral cortex is regulated by BMP signaling
Hikaru Chida	Hokkaido University	Response property and morphology of wind-sensitive interneurons in the cricket brain
Yoshiaki Yamazaki	Osaka University	Transcranial static magnetic stimulation to the precuneus erases supra-second scene memories
Yuri Morikawa	Kumamoto University	Establishment of a mouse model of spinocerebellar ataxia type 34 via the gene transfer using adeno-associated viral vectors

**Junior Investigator Poster Development Award**

Name	Affiliation	Title
Kenta Motohara	Nagoya University	Establishment of a knockout screening system for axon initial segment plasticity
Chie Go	The University of Tokyo	Somatotopy-like patterns of neural activity in somatosensory and motor cortices of developing mice
Rintaro Shimizume	Hokkaido University	Activation of histaminergic neurons in the tuberomammillary nucleus recovers retrieval of forgotten object recognition memory
Kenshu Koiso	The University of Electro-Communications	Neural information sources identified by sparse analysis of ultra-highspeed fMRI signals and susceptibility-weighted imaging at an ultra-high magnetic field
Yuma Matsumoto	Osaka University	Spatial and temporal expression of mice digging behavior
Ziguo Lan	Kagoshima University	Chronic maternal SSRI exposure during the prenatal and/or postnatal period induced vocal behavior deficits and inhibited serotonergic neurogenesis in the mouse offspring
Takehiro Ajioka	Kobe University	Prediction of Mouse Behavior with Deep Learning
Asuka Shiraishi	Saitama University	<i>In vivo</i> application of genetically encoded voltage indicator ArcLight to the zebrafish brain
Hanaka Matsumoto	The University of Tokyo	Multimodal topography-like structures represented in spontaneous activity in a mouse higher visual area during development
Kazutoshi Murakami	Konan University	Neural connection and physiological output involved in temperature acclimation of <i>C. elegans</i>
Tomomi Watanabe	Doshisha University	Sounds of Hardness: Change of sound symbolism during language development
Takumi Taketomi	University of Tsukuba	Abnormal modification of SPARCL1 is a potential clue to the neuroinflammation: implication for autism spectrum disorder
Sota Kashima	The University of Tokyo	Proposal of a denoising method for two-photon imaging data based on DeepInterpolation
Kota Shirahata	Hokkaido University	Heterogeneous Ca <sup>2+</sup> responses to airflow stimulus within the local non-spiking interneurons of the crickets
Yasuyuki Niki	Keio University	Pupil dynamics reflect temporal prediction in mice.
Tomoka Yoseyama	Minot State University/Okinawa Institute of Science and Technology Graduate University	Does moonwalking produce the representation centered on the world or the body?
Yuma Sugihara	Osaka Kawasaki Rehabilitation University	Short-term memory was improved by the precise control of posture
Anhua Lu	Hokkaido University	Temporal effect of auditory memory on the wind-elicited escape behavior in the cricket