

Program: Poster Session

P-01 Effect of the lack of F-actin-binding protein drebrin on spine morphology, neural plasticity and animal behavior.

Mai Sawabe (Toyo University)

P-02 Transient memory impairment and histochemical changes in hippocampus on heat-exposed mice

Ryota Kato (Toyo University)

P-03 Decreased immunoreactivity of drebrin around amyloid plaques in Alzheimer's diseases model mouse

Noriko Koganezawa (Gunma University)

P-04 Development of a new brain-on-a-chip device for studying radiation-induced bystander effects in cultured neurons

Kenji Hanamura (Gunma University)

P-05 The response of directly irradiated and bystander developing neurons

Anggraeini Puspitasari (GSI Helmholtzzentrum für Schwerionenforschung GmbH)

P-06 Single domain antibody as new tools for the detection of endogenous drebrin in living neurons

Hiroyuki Yamazaki (Gunma University)

P-07 *in vivo* imaging of dendritic spines and synaptic molecules in living mouse brain

Banri Segawa (Gunma University)

P-08 A high-throughput system for quantitating IC50 of new psychoactive substances having NMDAR inhibition through use of drebrin immunocytochemistry

Toshinari Mitsuoka (The University of Tokyo)

P-09 Effect on synaptic protein after X-irradiation

Reiko T. Roppongi (Gunma University)

- P-10 Detection of the toxic effects of anticancer drugs on neuronal synapses using high-content imaging analysis
Mai Yamamura (Gunma University)
- P-11 Combined effects of radiation and microgravity on the normal brain
Yukari Yoshida (Gunma University Heavy Ion Medical Center)
- P-12 Ectopic Proliferation of SOX2-Positive Müller glia Might Contribute to Retinal Regeneration in Medaka (*Oryzias latipes*) Embryo
Shunta Mori (The University of Tokyo)
- P-13 3D reconstructed brain image revealed the slight increase of irradiation-induced apoptotic neural deaths in embryonic brain of OGG1-deficient medaka (*Oryzias latipes*)
Erge Sha (The University of Tokyo)
- P-14 A Trial to Control Microglial Activation in Medaka Embryo as a Model to Avoid Radiation Brain Necrosis
Takuya Endo (The University of Tokyo)