

9/12(Sat) 8:30~9:50
Room E

2G1	Neural Development · Neural Differentiation 神経系の発生と分化
Chairpersons	Yi-Ping Hsueh (Institute of Molecular Biology, Academia Sinica) Masaaki Ikeda (池田 正明) (Department of Physiology, Saitama Medical University (埼玉医科大学医学部生理学))

2G1-01 The role of blood flow in neuronal turnover in the adult olfactory bulbs

Takashi Ogino¹(荻野 崇)、Masato Sawada¹(澤田 雅人)、Hiroyuki Inada²(稲田 浩之)、Junichi Nabekura²(鍋倉 淳一)、Kazunobu Sawamoto¹(澤本 和延)

¹Department of Developmental and Regenerative Biology, Nagoya City University Graduate School of Medical Sciences (名古屋市立大学大学院医学研究科再生医学分野)/²Division of Homeostatic Development, Department of Developmental Physiology, National Institute for Physiological Sciences (生理学研究所発達生理学研究系生体恒常機能発達機構研究部門)

2G1-02 Drebrin knockout mice show olfactory dysfunction by impairment of adult neurogenesis and cell survival

Yuki Kajita¹(梶田 裕貴)、Noriko Koganezawa¹(小金澤紀子)、Nobuhiko Kojima¹(児島 伸彦)、Kenji Sakimura²(崎村 建二)、Takashi Sakurai³(櫻井 孝司)、Tomoaki Shirao¹(白尾 智明)

¹Department of Neurobiology & Behavior, Gunma University Graduate School of Medicine (群馬大学院・医・神経薬理)/²Department of Cellular Neurobiology, Brain Research Institute, Niigata University (新潟大学・脳研究所・細胞神経生物学分野)/³Electronics-Inspired Interdisciplinary Research Institute, Toyohashi University of Technology (豊橋技術科学大学・エレクトロニクス先端融合研究所)

2G1-03 Modeling and analysis of intercellular adhesion between cells from the developing cerebral cortex

Yuki Matsunaga¹(松永 友貴)、Mariko Noda¹(野田万理子)、Hideki Murakawa²(村川 秀樹)、Takashi Miura³(三浦 岳)、Ken-ichiro Kubo¹(久保健一郎)、Kazunori Nakajima¹(仲嶋 一範)

¹Department of Anatomy, Keio University School of Medicine (慶應義塾大学・医・解剖学教室)/²Faculty of Mathematics, Kyushu University (九州大学大学院数理学研究院)/³Department of Anatomy and Cell Biology, Kyushu University Graduate School of Medical Sciences (九州大学大学院医学研究院 系統解剖学分野)

2G1-04 Ergothioneine promotes neuronal differentiation via induction of neurotrophin 5 in cultured neural stem cells.

Takahiro Ishimoto(石本 尚大)、Noritaka Nakamichi(中道 範隆)、Yusuke Masuo(増尾 友佑)、Yukio Kato(加藤 将夫)

Fac. Pharm., Kanazawa Univ. (金沢大院・薬・分子薬物治療学)

9/12(Sat) 14:30~16:30
Room E

2G2	Diseases and Cures 疾患と治療薬
Chairpersons	Nobuyuki Fukushima (福嶋 伸之) (Department of Life Science, Kinki University (近畿大学理工学部生命科学科)) Chihiro Tohda (東田 千尋) (Division of Neuromedical Science, Institute of Natural Medicine, University of Toyama (富山大学 和漢医薬学総合研究所 神経機能学分野))

2G2-01 Effect of a novel cognitive enhancer ST101 on decreased CaMKII activity in schizophrenia model rats.

Yasushi Yabuki(矢吹 悌)、Kohji Fukunaga(福永 浩司)

Dept. Pharmacol., Tohoku Univ. Grad. Sch. Pharm. Sci. (東北大院・薬・薬理学)

2G2-02 Brain-Active Herbal Metabolites for the Treatment of Alzheimer's Disease

Zhiyou Yang, Tomoharu Kuboyama, Chihiro Tohda

Division of Neuromedical Science, Institute of Natural Medicine, University of Toyama

2G2-03 Bruton's tyrosine kinase (BTK) inhibitor has a protective effect on ischemic brain injury.

Minako Ito(伊藤美菜子)、Takashi Shichita(七田 崇)、Akihiko Yoshimura(吉村 昭彦)、Rimpei Morita(森田 林平)
Department of Microbiology and Immunology, Keio University School of Medicine(慶應義塾大学 医学部 微生物学免疫学教室)

2G2-04 Immediate or delayed administrations of matrine improve motor dysfunction in spinal cord injured mice

Norio Tanabe¹(田辺 紀生)、Tomoharu Kuboyama¹(久保山友晴)、Kohei Kazuma²(数馬 恒平)、Katsuhiro Konno²(紺野 勝弘)、Chihiro Tohda¹(東田 千尋)
¹Div. of Neuromedical Science, Inst. of Natural Med., Univ. of Toyama(富山大・和漢研・神経機能学)/²Div. of Kampo-Pharmaceutics, Inst. of Natural Med., Univ. of Toyama(富山大・和漢研・和漢薬製剤開発)

2G2-05 Novel candidate compounds identified by in silico screening activate TrkB and attenuate depressant-like behavior in mice

Mayu Fukuda^{1,4}(福田 真佑)、Atsushi Takatori^{1,2}(高取 敦志)、Yohko Nakamura^{1,3}(中村 洋子)、Akiko Suganami⁵(菅波 晃子)、Tyuji Hoshino⁶(星野 忠次)、Yutaka Tamura⁵(田村 裕)、Akira Nakagawara⁷(中川原 章)
¹Div. of Innovative Cancer Therapeutics, Chiba Cancer Ctr. Res. Inst.(千葉県がんセンターがん先進治療)/²Div. of Cancer Genetics, Chiba Cancer Ctr. Res. Inst.(千葉県がんセンターがん遺伝子創薬)/³Div. of Cancer Prevention and Epidemiology, Chiba Cancer Ctr. Res. Inst.(千葉県がんセンター予防疫学研)/⁴Grad. Sch. of Med. and Pharmaceutical Sciences, Chiba Univ.(千葉大院・医学薬学府)/⁵Dept. of Bioinformatics, Grad. Sch. of Med. Chiba Univ.(千葉大学院・医・生命情報)/⁶Grad. Sch. of Pharmaceutical Sciences, Chiba Univ.(千葉大院・薬・薬品物理化)/⁷Saga Medical Ctr. KOSEIKAN(佐賀県医療センター 好生館)

2G2-06 Effects of coffee on vascular endothelial growth factor expression in human neuroblastoma SH-SY5Y cells.

Shota Kakio¹(垣尾 翔大)、Soichiro Enoki²(榎 崇一郎)、Kenji Kobata²(古旗 賢二)、Megumi Funakoshi-Tago¹(多胡めぐみ)、Hiroomi Tamura¹(田村 悦臣)
¹Graduate School of Pharmaceutical Sciences, Keio University(慶應大院・薬・衛生化学)/²Graduate School of Pharmaceutical Sciences, Josai University(城西大院・薬・機能性食品科学)