

Synapse II
シナプス II

- 2P-1** **Subcellular localization of the SRF coactivators, MKL1 and MKL2, in the brain : possible involvement in dendritic spine morphology.**
 Natsumi Satou¹(佐藤 夏美)、Yuta Ishibashi¹(石橋 悠太)、Toshihisa Ohtsuka²(大塚 稔久)、Yamato Tobita²(飛田耶馬人)、Junya Tsujii¹(辻井 淳也)、Mitsuru Ishikawa¹(石川 充)、Mamoru Fukuchi¹(福地 守)、Masaaki Tsuda¹(津田 正明)、Akiko Tabuchi¹(田渕 明子)
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- 2P-2** **Studies on possible PSD-core structure of type I excitatory synapse from rat forebrain**
 Tatsuo Suzuki(鈴木 龍雄)、Weiheng Guo(郭 維恒)、LiYing Zhao(趙 麗穎)
 Dept. Neuroplasticity, Shinshu Univ. Grad. Sch. Med.(信州大学・院・医・神経可塑性学)
- 2P-3** **SUMO1 Affects Synaptic Function, Spine Density and Memory**
 Shinsuke Matsuzaki^{1,2}(松崎 伸介)、Hironori Takamura^{1,3}(高村 明孝)、Genki Amano¹(天野 元揮)、Hiroki Sato¹(佐藤 大樹)、Sarina Han¹(韓 薩日娜)、Ko Miyoshi^{1,3}(三好 耕)、Paul Fraser⁴、Taiichi Katayama^{1,3}(片山 泰一)
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- 2P-4** **Analysis of Arhgef2 phosphorylation at Ser885.**
 Kaishu Oda(織田 海秀)
 Nagoya Univ.(名古屋大学・医学部医学科・神経情報薬理)
- 2P-5** **5-HT_{2A} receptor antagonist, Ketanserin induces change in the localization of an actin-binding protein drebrin in hippocampal neurons.**
 Takero Oka(岡 丈郎)、Reiko Roppongi(六本木麗子)、Kenji Hanamura(花村 健次)、Tomoaki Shirao(白尾 智明)
 Department of Neurobiology and Behavior, Gunma University Graduate School of Medicine(群馬大学大学院医学系研究科神経薬理学)
- 2P-6** **Allopregnanolone induces increase of excitatory but not inhibitory synapses via protein kinase A activation**
 Hideo Shimizu^{1,2}(清水 英雄)、Yuta Ishizuka¹(石塚 佑太)、Hiroyuki Yamazaki¹(山崎 博幸)、Tomoaki Shirao¹(白尾 智明)
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Neurotransmission II
情報伝達 II

- 2P-7** **A role for BMP4 signaling pathway in mouse neural stem cell survival**
 Hanako Yamamoto^{1,2}(山本 華子)、Masashi Kurachi¹(倉知 正)、Masae Naruse¹(成瀬 雅衣)、Koji Shibasaki¹(柴崎 貢志)、Yasuki Ishizaki¹(石崎 泰樹)
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- 2P-8** **PACAP induces Bdnf expression through selective activation of NMDA receptor/ calcineurin pathway in neurons.**
 Baku Watanabe (渡邊 漢)、Mamoru Fukuchi (福地 守)、Mina Ichimura (市村 美奈)、Yuki Ochi (越智 雄基)、Akiko Tabuchi (田淵 明子)、Masaaki Tsuda (津田 正明)
 Dept. of biol. Chem., Grad. Sch. of med. & Pharm. Sci., Univ. of Toyama (富山大院・医薬・分子神経生物)
- 2P-9** **Dopamine phosphorylates GEF-H1 through PKA to regulate GEF-H1 activity in striatum**
 Xinjian Zhang¹(張 心健)、Keisuke Kuroda¹(黒田 啓介)、Hiroyuki Takenaka¹(竹中 宏幸)、Reon Kondo¹(近藤 怜苑)、Kaishu Oda¹(織田 海秀)、Tomoki Nishioka¹(西岡 朋生)、Shinichi Nakamuta¹(中牟田信一)、Taku Nagai²(永井 拓)、Kozo Kaibuchi¹(貝淵 弘三)
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²Department of Neuropsychopharmacology and Hospital Pharmacy, Nagoya University Graduate School of Medicine (名古屋大学大学院医学系研究科医療薬学)
- 2P-10** **Transduction from the protein kinase C pathway to the tyrosine kinase pathway in cultured hypothalamic neurons**
 Hideyuki Yamamoto (山本 秀幸)、Sayomi Nakamine (仲嶺三代美)、Noriko Maeda (前田 紀子)、Seikichi Toku (徳 誠吉)
 Dept. of Biochem. Med., Univ. of the Ryukyus (琉球大院・医・生化学)
- 2P-11** **Behavioral phenotypes of neuron-specific Shp2 conditional knockout mice**
 Hiroshi Ohnishi¹(大西 浩史)、Shinya Kusakari²(草苺 伸也)、Miho Hashimoto¹(橋本 美穂)、Shuya Ishikawa¹(石川 柊躍)、Eriko Urano¹(浦野江里子)、Takenori Kotani³(小谷 武徳)、Yoji Murata³(村田 陽二)、Takashi Matozaki³(的崎 尚)
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- 2P-12** **Two Gq-coupled octopamine receptors function non-redundantly to mediate food deprivation signaling of *C. elegans***
 Satoshi Suo¹(周防 諭)、Midori Yoshida²(吉田 碧)、Shoichi Ishiura²(石浦 章一)
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- 2P-13** **The Strip-Hippo pathway regulates synaptic terminal formation by modulating actin organization at the *Drosophila* neuromuscular junction**
 Takahiro Chihara^{1,2}(千原 崇裕)、Chisako Sakuma¹(佐久間知佐子)、Yoshie Saito¹(齋藤 佳絵)、Tomoki Umehara¹(梅原 智輝)、Keisuke Kamimura³(神村 圭亮)、Timothy Mosca¹(モスカティモシー)、Nobuaki Maeda³(前田 信明)、Masayuki Miura^{1,2}(三浦 正幸)
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- 2P-14** **Investigation of novel CREB interacting proteins using DNA affinity beads.**
 Reon Kondo (近藤 怜苑)、Keisuke Kuroda (黒田 啓介)、Kozo Kaibuchi (貝淵 弘三)
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- 2P-15** **Physiological analysis of lipid raft molecules on mouse brain slices**
 Norihiro Kotani¹(小谷 典弘)、Yui Ida¹(井田 唯)、Rina Shinozaki¹(篠崎 吏那)、Makoto Seo^{1,2}(瀬尾 誠)、Takanari Nakano¹(中野 貴成)、Miki Hashizume¹(橋爪 幹)、Arisa Yamaguchi³(山口亜利沙)、Koichi Honke³(本家 孝一)、Takayuki Murakoshi¹(村越 隆之)
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- 2P-16** **VAMP7 regulates autophagy to maintain mitochondrial homeostasis and to control second phase insulin secretion in pancreatic β -cells.**
 Kyota Aoyagi (青柳 共太)、Mica Ohara-Imaizumi (今泉 美佳)、Chiyono Nishiwaki (西脇知世乃)、Yoko Nakamichi (中道 洋子)、Takuma Kishimoto (岸本 拓磨)、Shinya Nagamatsu (永松 信哉)
 Dept of Biochem, Kyorin Univ Sch of Med (杏林大学・医・生化)

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A novel effect of tributyltin on mitochondrial quality controlShigeru Yamada¹(山田 茂)、Yaichiro Kotake²(古武弥一郎)、Yuko Sekino¹(関野 祐子)、Yasunari Kanda¹(諫田 泰成)¹Division of Pharmacology, National Institute of Health Sciences(国立医薬品食品衛生研究所 薬理部)/²Graduate School of Biomedical and Health Sciences, Hiroshima University(広島大学大学院 医歯薬保健学研究所)9/12(Sat)
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Roles of the autism susceptibility candidate gene *Auts2* for neuronal migration and neuritogenesis in the developing brainKei Hori¹(堀 啓)、Taku Nagai²(永井 拓)、Wei Shan²、Asami Sakamoto¹(坂本亜沙美)、Shinichiro Taya¹(田谷真一郎)、Ryoya Hashimoto¹(橋本 了哉)、Takashi Hayashi¹(林 崇)、Manabu Abe³(安部 学)、Maya Yamazaki³(山崎 真弥)、Keiko Nakano⁵(中野 啓子)、Tomoki Nishioka⁴(西岡 朋生)、Kenji Sakimura³(先村 健司)、Kiyofumi Yamada²(山田 清文)、Kozo Kaibuchi¹(貝淵 弘三)、Mikio Hoshino¹(星野 幹雄)¹National Institute of Neuroscience, NCNP(国立精神・神経医療研究センター・神経研・病態生化学)/²Dept. Neuropsychopharmacology & Hospital Pharmacy(名大・医・医療薬学)/³Dept. Cell Neurobiol. Brain Res Inst., Niigata Univ.(新潟大・脳研究所 細胞神経生物学)/⁴Dept. Cell Pharm., Nagoya Univ.(名大・医・情報薬理)/⁵Dept. Physiol., Saitama Sch of Med.(埼玉医大・生理)

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Acute inflammation induces the proliferation of radial glial cells in the optic tectum in response to traumatic brain injuryYuki Shimizu¹(清水 勇気)、Yuto Ueda¹(上田 悠人)、Yoko Ito¹(伊藤 容子)、Hideomi Tanaka^{1,2}(田中 英臣)、Toshio Ohshima¹(大島登志男)¹Dep. Life Sci. Med. Biosci., Grad. Sch. Adv. Sci. Eng., Waseda University(早稲田大学大学院先進理工学研究科生命医科学専攻)/²Organization for European Studies, European Biomedical Science Institute, Waseda University(早稲田大学日欧研究機構 欧州バイオメディカルサイエンス研究所)

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The role of natural killer cells in developmental brain

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Role of the *Meis1* in the development of cerebellum.Tomoo Owa¹(大輪 智雄)、Shinichiro Taya¹(田谷真一郎)、Tomoki Nishioka²(西岡 朋生)、Takuro Nakamura³(中村 卓郎)、Ryo Goitsuka⁴(五飯塚 僚)、Kozo Kaibuchi²(貝淵 弘三)、Mikio Hoshino¹(星野 幹雄)¹Dept of Biochemistry and Cellular Biology National Institute of Neuroscience NCNP(国立精神・神経医療研究センター 神経研究所 病態生化学研究部)/²Dept. of Cell Pharmacology, School of Medicine, Nagoya Univ(名古屋大学大学院 医学系研究科 神経情報薬理学)/³Department of Carcinogenesis, Japanese Foundation for Cancer Research(がん研究所 発がん研究部)/⁴Division of Development & Aging, Research Institute for Biological Sciences, Tokyo University of Science(東京理科大学 生命医科学研究所 発生及び老化研究部門)

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Knockdown of glycoprotein M6a in utero delayed the determination of neuronal polarityYasuyuki Ito¹(伊藤 泰行)、Atsuko Honda¹(本多 敦子)、Kosei Takeuchi³(武内 恒成)、Natsuki Matsushita⁴(松下 夏樹)、Michihiro Igarashi^{1,2}(五十嵐道弘)¹Department of Neurochemistry and Molecular Cell Biology, Graduate School of Medical and Dental Sciences, Niigata University(新潟大院・医・医歯学総合研究科・分子細胞機能学(生化学第二))/²Center for Transdisciplinary Research, Niigata University(新潟大・超域)/³School of Medicine, Aichi Medical University(愛知医科大学・医)/⁴Translational Research Center, Ehime University Hospital.(愛媛大・医・先端医療創生センター)

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Contactin associated protein (Caspr) 4/LNX2 signaling pathway modulates neuronal differentiation of mouse neural progenitor cellsToshitaka Futagawa¹(二川 俊隆)、Shogo Masuda¹(益田 将吾)、Kazuhiro Takahama¹(高濱 和広)、Quanhong Ma²(マチョンホン)、Zhi-Cheng Xiao³(シャオチーチェン)、Yasuo Takeda¹(武田 泰生)¹Dept. of Clin. Pharm. and Pharmacol., Grad. Sch. of Med. and Dent. Sci. of Kagoshima Univ.(鹿児島大学医学部・歯学部附属病院薬剤部)/²Jiangsu Key Lab. of Translational Research and Therapy for Neuro-Psycho-Diseases and Insti. of Neurosci., Soochow Univ./³Shunxi-Monash Immune Regeneration and Neuroscience Laboratories, Dept. of Anat. and Dev. Bio., Monash Univ.

Glia · Myelin II
グリア・ミエリン II

- 2P-24** **Analysis of PKC-dependent phosphorylation and cell adhesion property of myelin PO readthrough isoform (L-MPZ)**
Yoshihide Yamaguchi(山口 宜秀)、Noriko Yano(矢野 法子)、Saki Sato(佐藤 咲)、Naruya Tabei(田部井成也)、Hiroki Nakanishi(中西 弘樹)、Hiroko Baba(馬場 広子)
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- 2P-25** **Mechanical stress disrupts neuron-glia interactions at nodes of Ranvier**
Yoshinori Otani(大谷 嘉典)、Keiichiro Susuki(薄 敬一郎)
Wright State University, Neuroscience, Cell Biology and Physiology(ライト州立大学 神経科学・細胞生物学・生理学学科)
- 2P-26** **Phosphoglycerate mutase 1 is concentrated in the paranodal loops of myelinating Schwann cells**
Akiko Hayashi(林 明子)、Ryosuke Hata(畑 亮輔)、Nobuto Imabuchi(今測 信登)、Ayumi Wakabayashi(若林あゆみ)、Hiroko Baba(馬場 広子)
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- 2P-27** **DBZ, a CNS-specific DISC1 binding protein, positively regulates oligodendrocyte differentiation**
Shoko Shimizu(清水 尚子)、Shingo Miyata(宮田 信吾)、Takashi Tanaka(田中 貴士)、Masaya Tohyama(遠山 正彌)
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- 2P-28** **Differential expression and distribution of myosin superfamily in oligodendrocyte**
Reiji Yamazaki(山崎 礼二)、Yoshihide Yamaguchi(山口 宜秀)、Tomoko Ishibashi(石橋 智子)、Hiroko Baba(馬場 広子)
Department of Molecular Neurobiology, Tokyo University of Pharmacy and Life Sciences(東京薬科大学大学院薬学研究科機能形態学教室)
- 2P-29** **Kallikrein 6-mediated CNS myelin pathology in experimental autoimmune encephalomyelitis.**
Yoshio Bando¹(板東 良雄)、Hiroki Bochimoto²(暮地本宙己)、Taichi Nomura¹(野村 太一)、Tatsuhide Tanaka¹(田中 達英)、Tsuyoshi Watanabe²(渡部 剛)、Shigetaka Yoshida¹(吉田 成孝)
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- 2P-30** **Brain microvascular endothelial cells promote survival of oligodendrocyte precursor cells**
Keiya Iijima¹(飯島 圭哉)、Masashi Kurachi²(倉知 正)、Koji Shibusaki²(柴崎 貢志)、Masae Naruse²(成瀬 雅衣)、Yuhei Yoshimoto¹(好本 裕平)、Masahiko Mikuni³(三國 雅彦)、Yasuki Ishizaki²(石崎 泰樹)
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- 2P-31** **Effect of exosomes derived from vascular endothelial cells on OPC survival, proliferation and motility**
Masashi Kurachi¹(倉知 正)、Masahiko Mikuni²(三國 雅彦)、Yasuki Ishizaki¹(石崎 泰樹)
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- 2P-32** **Microglia-dependent neurodegeneration in demyelinating mouse model**
Takeshi Shimizu^{1,2}(清水 健史)、Ron Smits³(スミッツロン)、Kazuhiro Ikenaka^{1,2}(池中 一裕)
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- 2P-33 Mitochondrial fission and elongation in microglia induced by activation with LPS**
 Mitsuhiko Katoh¹(加藤 光彦)、Wu Bao¹(吳 宝)、Bang Huy Nguyen¹、Thai Truc Quynh¹、Takashi Sakoh¹(酒匂 崇史)、Yurika Saitoh¹(齊藤百合花)、Sei Saitoh¹(齊藤 成)、Youichi Shinozaki²(篠崎 陽一)、Schuichi Koizumi²(小泉 修一)、Nobuhiko Ohno¹(大野 伸彦)
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- 2P-34 Cell-cell interactions via CD47-SIRP α signal regulate microglial activation**
 Miho Hashimoto¹(橋本 美穂)、Tomomi Nozu¹(野津 智美)、Eriko Urano¹(浦野江里子)、Yasuyuki Saito²(齊藤 泰之)、Takenori Kotani²(小谷 武徳)、Yoji Murata²(村田 陽二)、Takashi Matozaki²(的崎 尚)、Hiroshi Ohnishi¹(大西 浩史)
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- 2P-35 Activation of mitochondrial transient receptor potential vanilloid 1 channel contributes to microglial migration.**
 Hisashi Shirakawa¹(白川 久志)、Takahito Miyake¹(三宅 崇仁)、Takayuki Nakagawa^{1,2}(中川 貴之)、Shuji Kaneko¹(金子 周司)
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- 2P-36 Neuroprotective function of microglia**
 Yuki Fujita(藤田 幸)、Toshihide Yamashita(山下 俊英)
 Dept. of Mol. Neurosci., Grad. Sch. of Med., Osaka Univ.(大阪大院・医・分子神経科学)
- 2P-37 Functional analysis of protein arginine N-methyltransferase 8 (PRMT8) in activated microglia that are induced by spinal cord injury.**
 Yasutake Mori¹(森 泰丈)、Yoshihisa Koyama¹(小山 佳久)、Tokuichi Iguchi¹(猪口 徳一)、Shingo Miyata²(宮田 信吾)、Masaya Tohyama²(遠山 正彌)、Makoto Sato¹(佐藤 真)
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- 2P-38 Acidic pH inhibits interleukin-1 β production by down-regulation of mitogen-activated protein kinase activity through the TDAG8/protein kinase A pathway in mouse microglia**
 Koichi Sato(佐藤 幸市)、Ye Jin(金 擘)、Ayaka Tobo(当房 文香)、Masayuki Tobo(当房 雅之)、Cihiro Mogi(茂木 千尋)、Fumikazu Okajima(岡島 史和)
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9/12(Sat)
Poster

Higher Brain Function · Transcriptional Regulation
高次機能 · 転写制御

- 2P-39 SOLOIST, a novel isoform of SRF coactivator MKL2 that is enriched in neurons and negatively regulates dendritic complexity of cortical neurons**
 Takuro Tanaka¹(田中 拓郎)、Yuta Ishibashi¹(石橋 悠太)、Shizuku Shoji¹(庄司しずく)、Yukimi Kubo¹(久保友喜美)、Tomoyuki Hakamata¹(袴田 知之)、Hiroyuki Sakagami²(阪上 洋行)、Mamoru Fukuchi¹(福地 守)、Masaaki Tsuda¹(津田 正明)、Akiko Tabuchi¹(田淵 明子)
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- 2P-40** **MAPK-mediated phosphorylation of NPAS4 regulates memory formation by modulating its interaction with CBP**
 Yasuhiro Funahashi¹(船橋 靖広)、Anthony Ariza¹(アリザンソニー)、Shan Wei²(ウェイション)、Keisuke Kuroda¹(黒田 啓介)、Shinichi Nakamuta¹(中牟田信一)、Taku Nagai²(永井 拓)、Kozo Kaibuchi¹(貝淵 弘三)
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- 2P-41** **Effects of Oxytocin on the respiratory circuit in isolated brainstem-spinal cord preparation from neonatal rat.**
 Akiko Arata(荒田 晶子)、Ayae Nishiyama(西山 紋恵)、Mari Ito(伊藤 真理)
 Division of Physiome, Department of Physiology, Hyogo College of Medicine (兵庫医大・生理・生体機能)
- 2P-42** **The role of ventrolateral striatal dopamine receptor type 2 expressing medium spiny neurons in motivation**
 Iku Tsutsui-Kimura^{1,2}(木村 生)、Fumiya Izumiseki¹(泉関美美也)、F. Kenji Tanaka¹(田中 謙二)
¹Department of Neuropsychiatry, Keio University School of Medicine (慶應義塾大学医学部精神・神経科学教室) / ²JSPS Research Fellow (日本学術振興会特別研究員RPD)
- 2P-43** **How does the ventral hippocampus respond to optogenetic activation of the raphe nucleus?**
 Keitaro Yoshida(吉田慶多朗)、Norio Takata(高田 則雄)、Masaru Mimura(三村 将)、Kenji F Tanaka(田中 謙二)
 Dept. Neuropsychiatry, School of Medicine, Keio University (慶應大院・医・精神神経)
- 2P-44** **Neonatal isolation augments social dominance by altering actin dynamics in the medial prefrontal cortex**
 Hirobumi Tada(多田 敬典)、Takuya Takahashi(高橋 琢哉)
 Department of Physiology, Yokohama City University Graduate School of Medicine (横浜市立大学医学部生理学教室)
- 2P-45** **A New Inhibitory Pathway Toward the Mouse La via the mITC Revealed by VSD Imaging**
 Yoshinori Ide^{1,3}(井出 吉紀)、Tomomi Fujieda^{1,2}(藤枝 智美)、Noriko Koganezawa²(小金澤紀子)、Tomoaki Shirao²(白尾 智明)、Yuko Sekino^{1,2}(関野 祐子)
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- 2P-46** **γ -Aminobutyric acid in anterior cingulate cortex predicts intra-cingulum functional connectivity in human : A magnetic resonance imaging study**
 Kazuyuki Fujihara¹(藤原 和之)、Kosuke Narita¹(成田 耕介)、Yusuke Suzuki¹(鈴木 雄介)、Masato Kasagi¹(笠木 真人)、Tomokazu Motegi¹(茂木 智和)、Yuichi Takei¹(武井 雄一)、Minami Tagawa¹(田川みなみ)、Koichi Ujita²(氏田 浩一)、Jamie Near³(ニアージェイミー)、Masato Fukuda¹(福田 正人)
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9/12(Sat)
Poster

Schizophrenia · Developmental Disorders
統合失調症 · 発達障害

- 2P-47** **Translational regulation by the neuronal RNA binding protein Elavl2 in the brain**
 Takafumi Ohtsuka¹(大塚 貴文)、Masato Yano²(矢野 真人)、Ikuko Koya¹(古家 育子)、Satoe Banno¹(坂野 聡重)、Shinsuke Shibata¹(芝田 晋介)、Hideyuki Okano¹(岡野 栄之)
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2P-48 Overactivation of the VPAC2 receptor during postnatal brain maturation induces changes in synaptic proteins and selective alterations in prepulse inhibition in mice

Yukio Ago^{1,2}(吾郷由希夫)、Atsuko Hayata^{1,3}(早田 敦子)、Takuya Kawanai¹(河内 琢也)、Hitoshi Hashimoto^{1,3}(橋本 均)、James Waschek²(ワシエックジェームズ)

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2P-49 Microglial property changed in a maternal immune activation animal model with relevance to schizophrenia.

Kohei Yamada¹(山田 浩平)、Taro Takahashi²(高橋 太郎)、Mahesh Mundalil Vasu²(ムンダリルバスマヘシュ)、Katsuaki Suzuki^{1,2}(鈴木 勝昭)、Yasuhide Iwata²(岩田 泰秀)、Tomoyasu Wakuda²(和久田智靖)、Shinsuke Matsuzaki^{3,4}(松崎 伸介)、Taiichi Katayama⁴(片山 泰一)、Norio Mori^{1,2}(森 則夫)

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2P-50 Activation of prefrontal dopamine system by attention deficit/hyperactivity disorder drugs improves prenatal valproic acid-induced behavioral abnormalities in mice

Yuta Hara¹(原 雄大)、Atsuki Taruta¹(樽田 淳樹)、Keisuke Katashiba¹(片芝 圭亮)、Momoko Higuchi¹(樋口 桃子)、Kosuke Higashino¹(東野 功典)、Hitoshi Hashimoto^{1,2}(橋本 均)、Toshio Matsuda³(松田 敏夫)、Yukio Ago¹(吾郷由希夫)、Kazuhiro Takuma^{2,4}(田熊 一敏)

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2P-51 Analysis for Mechanism of Autism spectrum disorder via serotonin transporter dysfunction

Hiroki Sato¹(佐藤 大樹)、Shinsuke Matsuzaki^{1,2}(松崎 伸介)、Keiko Iwata³(岩田 圭子)、Ko Miyoshi¹(三好 耕)、Hironori Takamura¹(高村 明孝)、Genki Amano¹(天野 元揮)、Sarina Han¹(韓 薩日娜)、Hideo Matsuzaki³(松崎 秀夫)、Taiichi Katayama¹(片山 泰一)

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2P-52 Effects of prenatal exposure to a sigma-1 receptor antagonist on behavior and neuronal morphology in rat offspring

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2P-53 Effects of oxytocin and analog, Lipo-oxytocin 1 on paternal behavior and social memory in CD38^{-/-} mice

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2P-54 Expression of CD38 and TRPM2 in activated microglia and behavioral impact in mice lacking CD38

Fumiya Suematsu¹(末松 史也)、Yuichiro Kojima¹(小島佑一郎)、Haruhiro Higashida²(東田 陽博)、Mami Noda¹(野田 百美)

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2P-55 Rheb activation disrupts spine synapse formation through accumulation of syntenin in tuberous sclerosis complex

Shin Yasuda¹(安田 新)、Hiroko Sugiura¹(杉浦 弘子)、Shutaro Katsurabayashi²(桂林秀太郎)、Hiroyuki Kawano²(河野 洋幸)、Kentaro Endo³(遠藤堅太郎)、Koutaro Takasaki²(高崎浩太郎)、Katsunori Iwasaki²(岩崎 克典)、Masumi Ichikawa³(市川 真澄)、Toshiyuki Kobayashi⁴(小林 敏之)、Okio Hino⁴(樋野 興夫)、Kanato Yamagata¹(山形 要人)

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2P-56 Prenatal administration of valproic acid or tributyltin alters developmental transient of hippocampal excitability in juvenile rats

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