

神経科学研究部門

氏名	所属	職名	取得学位	専門分野	主な論文・著作・業績
真柳 平	神経科学研究部門	講師	博士（生命科学）	神経科学・分子生物学・細胞生物学	<p>①T. Mayanagi, H. Yasuda and K. Sobue. PSD-Zip70 Deficiency Causes Prefrontal Hypofunction Associated with Glutamatergic Synapse Maturation Defects by Dysregulation of Rap2 Activity. (2015) J. Neurosci. 35, 14327-14340.</p> <p>②D. Tanokashira, T. Morita, K. Hayashi, T. Mayanagi, K. Fukumoto, Y. Kubota, T. Yamashita and K. Sobue. Glucocorticoid suppresses dendritic spine development mediated by down-regulation of caldesmon expression. (2012) J. Neurosci. 32, 14583-14591.</p> <p>③Fukumoto K, Morita T, Mayanagi T, Tanokashira D, Yoshida T, Sakai A, Sobue K. (2009) Detrimental effect of glucocorticoids on neuronal migration during brain development. Mol. Psychiatry 14(12):1119-31. ;</p> <p>④Mayanagi T, Morita T, Hayashi K, Fukumoto K, Sobue K (2008) Glucocorticoid receptor-mediated expression of Caldesmon regulates cell migration via the reorganization of the actin cytoskeleton. J. Biol. Chem. 283(45):31183-96. ;</p> <p>⑤Morita T, Mayanagi T, Sobue K (2007) Dual roles of myocardin-related transcription factors in epithelial-mesenchymal transition via slug induction and actin remodeling. J. Cell. Biol. 179(5):1027-42. ;</p>
岩淵 禎弘	神経科学研究部門	特任講師	博士（情報科学）	神経生理学・神経科学一般、生物物理学、生体医工学・生体材料学	<p>①Iwabuchi S, Koh JY, Wang K, Ho KW, Harata NC. Minimal Change in the cytoplasmic calcium dynamics in striatal GABAergic neurons of a DYT1 dystonia knock-in mouse model. PLoS One. 2013 Nov 19;8(11):e80793.</p> <p>②Iwabuchi S, Kakazu Y, Koh JY, Harata NC. Abnormal cytoplasmic calcium dynamics in central neurons of a dystonia mouse model. Neurosci Lett. 2013 Aug 26;548:61-6. ③Iwabuchi S, Kawahara K. Extracellular ATP-prinoceptor signaling and AMP-activated protein kinase regulate astrocytic glucose transporter 3 in an in vitro ischemia. Neurochem Int. 2013 Oct;63(4):259-68.</p> <p>④Iwabuchi S, Kawahara K. Functional significance of the negative-feedback regulation of ATP release via pannexin-1 hemichannels under ischemic stress in astrocytes. Neurochem Int. 2011 Feb;58(3):376-84.</p> <p>⑤Iwabuchi S, Ito M, Hata J, Chikanishi T, Azuma Y, Haro H. In vitro evaluation of low-intensity pulsed ultrasound in herniated disc resorption. Biomaterials. 2005 Dec;26(34):7104-14.</p>

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久米 浩平	神経科学研究部門	助教（任期付）	博士（農学）	分子生物学・細胞生物学	<p>① 圭陵会学術振興会研究助成，「化学療法後再発に關与する癌細胞亜集団濃縮の数理モデル構築（個人第118号）」，2016年。</p> <p>② Kume K, Ikeda M, Miura S, Ito K, Sato KA et al. α-Amanitin restrains cancer relapse from drug-tolerant cell subpopulations via TAF15. (2016) Sci Rep. 6:25895.</p> <p>③ Kume K, Ishida K, Ikeda M, Takemoto K, Shimura T et al. Systematic protein level regulation via degradation machinery induced by genotoxic drugs. (2016) J Proteome Res. 15(1): 205-15.</p> <p>④ Yamagishi N, Kume K, Hikage, T, Takahashi Y, Bidadi H et al. Identification and functional analysis of SVP ortholog in herbaceous perennial plant <i>Gentiana triflora</i>: implication for its multifunctional roles. (2016) Plant Sci. 248: 1-7</p> <p>⑤ Kume K, Tsutsumi K, Saitoh Y. TAS1 trans-acting siRNA targets are differentially regulated at low temperature, and TAS1 trans-acting siRNA mediates temperature-controlled At1g51670 expression. (2010) Biosci Biotechnol Biochem. 74(7): 1435-40.</p>