

生化学講座分子医化学分野

氏名	所属	職名	取得学位	専門分野	主な論文・著作・業績
古山 和道	生化学講座分子医化学分野	教授	博士(医学)	生化学、 分子生物学、 病態医化学	<p>1: Furuyama K., Fujita H., Nagai T., Yomogida K., Munakata H., Kondo M., Kimura A., Kuramoto A., Hayashi N., Yamamoto M.. Pyridoxine refractory X-linked sideroblastic anemia caused by a point mutation in the erythroid 5-aminolevulinate synthase gene. Blood. 1997;90:822-30.</p> <p>2: Nakajima O., Takahashi S., Harigae H., Furuyama K., Hayashi N, Sassa S., Yamamoto M. Heme deficiency in erythroid lineage causes differentiation arrest and cytoplasmic iron overload. EMBO J. 1999;18:6282-9.</p> <p>3: Furuyama K.and Sassa S.. Interaction between succinyl CoA synthetase and the heme-biosynthetic enzyme ALAS-E is disrupted in sideroblastic anemia. J Clin Invest. 2000;105:757-64.</p> <p>4: Furuyama K. and Yamamoto M. Differential regulation of 5-aminolevulinate synthase isozymes in vertebrates. Ferreira GC, Kadish KM, Smith KM, Guillard R edited, Handbook of Porphyrin Science, Vol. 27, p.2-41, 2013</p> <p>5: Kaneko K., Furuyama K., Fujiwara T., Kobayashi R., Ishida H., Harigae H., Shibahara S. Identification of the novel erythroid-specific enhancer for ALAS2 gene and its loss-of-function mutation associated with congenital sideroblastic anemia. Haematologica. 2014;99:252-261</p>
久保田 美子	生化学講座分子医化学分野	准教授	博士(理学) 博士(医学)	分子生物学、 細胞生物学、 医化学一般	<p>1: Pachkowski, B. F., Winkel, S., Kubota, Y., Swenberg, J., Millikan, R. C. and Nakamura, J. 2006. XRCC1 Genotype and Breast Cancer: Functional Studies and Epidemiologic Data Show Interactions between XRCC1 Codon 280 His and Smoking. Cancer Res. 66 (5), 2860-2868.</p> <p>2: Kubota, Y., Takanami, T., Higashitani, A. and Horiuchi, S. 2009. Localization of X-ray Cross Complementing Gene 1 Protein in The Nuclear Matrix is Controlled by Casein Kinase II-dependent Phosphorylation in Response to Oxidative Damage. DNA Repair, 8, 953-960.</p> <p>3: D. Tanokashira, T. Morita, K. Hayashi, T. Mayanagi, K.Fukumoto, Y. Kubota, T.Yamashita, and K. Sobue. 2012. Glucocorticoid suppresses dendritic spine development mediated by down-regulation of caldesmon expression. The Journal of Neuroscience, 32(42), 14583-14591.</p>

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氏名	所属	職名	取得学位	専門分野	主な論文・著作・業績
野村 和美	生化学講座分子医化学分野	助教	修士(理学) 博士(医学)	分子生物学、 細胞生物学	<p>1) Nomura K. and Ono S. CAS-2, a <i>Caenorhabditis elegans</i> cyclase-associated protein, promotes actin polymerization from cofilin-bound actin monomers in an ATP-dependent manner. <i>Biochem J.</i>, 2013; 453(2):249-59.</p> <p>2) Nomura K., Ono K., Ono S. CAS-1, a <i>C. elegans</i> cyclase-associated protein, is required for sarcomeric actin assembly in striated muscle. <i>J Cell Sci.</i> 2012;125(Pt 17):4077-89</p> <p>3) Ono S., Nomura K, Hitosugi S., Tu D.K., Lee J.A., Baillie D.L., Ono K. The two actin-interacting protein 1 genes have overlapping and essential function for embryonic development in <i>Caenorhabditis elegans</i>. <i>Mol Biol Cell.</i> 2011;22(13):2258-69.</p> <p>4) Nomura K., Castanon-Cervantes O., Davidson A., Fukuhara C. Selective serotonin reuptake inhibitors and raft inhibitors shorten the period of Period1-driven circadian bioluminescence rhythms in rat-1 fibroblasts. <i>Life Sci.</i> 2008;82(23-24):1169-74.</p> <p>5) Nomura K., Takeuchi Y., Fukunaga K. MAP kinase additively activates the mouse <i>Per1</i> gene promoter with CaM kinase II. <i>Brain Res.</i> 2006;1118(1):25-33.</p>