分子細胞薬理学講座

氏名	所属	職名	取得学位	専門分野	主な論文・著作・業績
弘瀬　雅教	分子細胞薬理学講座	教授	博士（医学）	循環薬理学、電気生理学薬理学	①Hirose M, Shibazaki T, Nakada T, Kashihara T, Yano S, Okamoto T, Isaji M, Matsushita N, Taira E, Yamada M Phlorizin prevents electrically-induced ventricular tachyarrhythmia during ischemia in Langendorff-perfused guinea-pig hearts. Biol Pharm Bull. 37: 1168-1176, 2014 ②Matsushita N, Hirose M, Sanbe A, Kondo Y, Irie Y, Taira E. Nicorandil improves electrical remodeling, leading to the prevention of electrically induced ventricular tachyarrhythmia in a mouse model of desmin-related cardiomyopathy. Clin Exp Pharm Physiol. 41: 89-97, 2014 ③Hirose M, Takeishi Y, Nakada T, Shimojo H, Kashihara T, Nishio A, Suzuki S, Mende U, Matsumoto K, Matsushita N, Taira E, Yamada M. Nicorandil prevents Gαq-induced progressive heart failure and ventricular arrhythmias in transgenic mice. PLoS One 7;e52667, 2012. ④Hirose M, Takeishi Y, Niizeki T, Nakada T, Shimojo H, Kashihara T, Horiuchi-Hirose M, Kubota I, Mende U, Yamada M. Diacylglycerol kinase ζ inhibits ventricular tachyarrhythmias in a mouse model of heart failure: Roles of canonical transient receptor potential (TRPC) channels. Circ J 75:2333-2342, 2011 ⑤Hirose M, Takeishi Y, Niizeki T, Shimojo H, Nakada T, Nakayama J, Kubota I, Yamada M. Diacylglycerol kinase ζ inhibits Gαq-induced atrial remodeling in transgenic mice. Heart Rhythm 6:78-84, 2009 [文部科学省科学研究費獲得状況等]http://kaken.nii.ac.jp/d/r/40273081
田邉　由幸	分子細胞薬理学講座	准教授	博士（薬学）	分子細胞薬理学	①Tanabe Y, Saito MT, Nakayama K. Mechanical Stretching and Signaling Pathways in Adipogenesis. Stud Mechanobiol Tissue Eng Biomater. 1-28, 2013. ②Tanabe Y, Saito-Tanji M, Morikawa Y, Kamataki A, Sawai T, Nakayama K. Role of Secretory Phospholipase A2 in Rhythmic Contraction of Pulmonary Arteries of Rats with Monocrotaline-Induced Pulmonary Arterial Hypertension. J Pharmacol Sci. 119:271-281, 2012. ③Tanabe Y, Saito M, Morikawa Y, Kamataki A, Sawai T, Hirose M, Nakayama K.Inhibition of untransformed prostaglandin H2 production and stretch-induced contraction of rabbit pulmonary arteries by indoxam, a selective secretory phospholipase A2 inhibitor.J Pharmacol Sci.115:525-31, 2011 ④Tanabe Y, Matsunaga Y, Saito M, Nakayama K. Involvement of cyclooxygenase-2 in synergistic effect of cyclic stretching and eicosapentaenoic acid on adipocyte differentiation. J Pharmacol Sci. 106:478-484,2008 ⑤Tanabe Y, Koga M,Saito M, Matsunaga M, Nakayama K.Inhibition of adipocyte differentiation by mechanical stretching through ERK-mediated down-regulation of PPARγ2. J Cell Sci.117:3605-3614, 2004 [文部科学省科学研究費獲得状況等] http://kaken.nii.ac.jp/en/r/10275109

分子細胞薬理学講座

氏名	所属	職名	取得学位	専門分野	主な論文・著作・業績
丹治（斉藤）　麻希	分子細胞薬理学講座	助教	博士（薬学）	分子薬理学、血管生物学	①Yoshihara T, Yonoki Y, Saito M, Nakahara T, Sakamoto K, Ishii K. Agonist-induced receptor internalization in Chinese hamster ovary cells stably co-expressing β(1)- and β(2)-adrenergic receptors. Biol Pharm Bull. 2013;36(1):114-9. ②Sakamoto K, Ohki K, Saito M, Nakahara T, Ishii K. Small molecule cyclin-dependent kinase inhibitors protect against neuronal cell death in the ischemic-reperfused rat retina. J Ocul Pharmacol Ther. 2011 Oct;27(5):419-25. ③Hara Y, Wakino S, Tanabe Y, Saito M, Tokuyama H, Washida N, Tatematsu S, Yoshioka K, Homma K, Hasegawa K, Minakuchi H, Fujimura K, Hosoya K, Hayashi K, Nakayama K, Itoh H. Rho and Rho-kinase activity in adipocytes contributes to a vicious cycle in obesity that may involve mechanical stretch.Sci Signal., 4:ra3, 2011 ④Saito M, Ueo M, Kametaka S, Saigo O, Uchida S, Hosaka H, Sakamoto K, Nakahara T, Mori A, Ishi K. Attenuation of cataract progression by A-3922, a dihydrobenzofuran derivative, in streptozotocin-induced diabetic rats. Biol Pharm Bull. 31: 1959-63, 2008 ⑤Saito M, Tanabe Y, Kudo I, Nakayama K. Endothelium-derived prostaglandin H2 evokes the stretch-induced contraction of rabbit pulmonary artery. Eur J Pharmacol. 467: 151-161, 2003 [**文部科学省科学研究費獲得状況等**] http://kaken.nii.ac.jp/d/r/40365185