細胞病態生物学講座

氏名	所属	職名	取得学位	専門分野	主な論文・著作・業績
北川　隆之	細胞病態生物学講座	教授	博士（薬）	生物系薬学	1.Watanabe,M., Abe, N., Oshikiri,Y., Stanbridge, EJ., Kitagawa, T.:Selective growth inhibition by glycogen synthas kinase-3 inhibitors in tumorigenic HeLa hybrid cells is mediated through Nf-kB-dependent GLUT3 expression. / Oncogenesis 1, e21 (2012) 2. Watanabe, M., Naraba, H., Sakyo, T., Kitagawa, T. : DNA damage-induced modulation of GLUT3 expression is mediated through p53-independent extracellular signal-regulated kinase signaling in HeLa cells. / Mol Cancer Res. 8,1547-57 (2010) 3. Sakyo, T., Naraba, H., Teraoka, H., and Kitagawa, T. : The intrinsic structure of glucose transporter isoforms Glut1 and Glut3 regulates their differential distribution to detergent-resistant membrane domains in non-polarized mammalian cells. / FEBS Journal, vol. 274, 2843-2853 (2007) 4. K. Horii, Y. Suzuki, Y. Kondo, M. Akimoto, T. Nishimura, Y. Yamabe, M. Sakaue, T. Sano, T. Kitagawa, S. Himeno, N. Imura, and S. Hara. Androgen-dependent gene expression of prostate-specific antigen is enhanced synergistically by hypoxia in human prostate cancer cells. / Mol Cancer Res. 5, 383-391 (2007) 5. Sakyo, T., and Kitagawa, T. : Differential localization of glucose transporter isoformes in non-polarized mammalian cells: Distribution of GLUT1 but not GLUT3 to detergent-resistant membrane domains. / Biochimica Biophysica Acta(BBA)-Biomembranes, Vol. 1567, 165-175 (2002)
奈良場　博昭	細胞病態生物学講座	准教授	博士（薬）	生物系薬学、薬理学一般	Naraba H, Yokoyama C, Tago N, Murakami M, Kudo I, Fueki M, Oh-Ishi S, Tanabe T.: Transcriptional regulation of the membrane-associated prostaglandin E2 synthase gene. Essential role of the transcription factor Egr-1 /J Biol Chem. 2002 277(32):28601-2868.
佐京　智子	細胞病態生物学講座	助教	博士（医）	生物系薬学	①Watanabe, M., Naraba, H., Sakyo, T., Kitagawa, T. : DNA damage-induced modulation of GLUT3 expression is mediated through p53-independent extracellular signal-regulated kinase signaling in HeLa cells. Mol Cancer Res.8, 1547-57 (2010) ②Sakyo, T., Naraba, H., Teraoka, H., and Kitagawa, T. : The intrinsic structure of glucose transporter isoforms Glut1 and Glut3 regulates their differential distribution to detergent-resistant membrane domains in non-polarized mammalian cells. / FEBS Journal, vol. 274, 2843-2853 (2007) ③Takayuki Kitagawa, Tomoko Sakyo and Yumi Ikeda. : Differential localization of glucose transporter isoforms in cultured mammalian cells. / J. Pharmaceutical Society of Japan, 124 (Suppl.4), 81-84 (2004) 4. Sakyo, T., and Kitagawa, T. : Differential localization of glucose transporter isoformes in non-polarized mammalian cells: Distribution of GLUT1 but not GLUT3 to detergent-resistant membrane domains. / Biochimica Biophysica Acta(BBA)-Biomembranes, Vol. 1567, 165-175 (2002) ＜外部資金獲得状況＞ 笹川科学研究助成「課題名：促進拡散型糖輸送タンパク質の細胞膜局在性の解析」2000年