

## 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	<p>1. Watanabe, M., Abe, N., Oshikiri, Y., Stanbridge, E.J., Kitagawa, T.: Selective growth inhibition by glycogen synthase kinase-3 inhibitors in tumorigenic HeLa hybrid cells is mediated through Nf-κB-dependent GLUT3 expression. / <i>Oncogenesis</i> 1, e21 (2012)</p> <p>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. / <i>Mol Cancer Res.</i> 8, 1547-57 (2010)</p> <p>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. / <i>FEBS Journal</i>, vol. 274, 2843-2853 (2007)</p> <p>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. / <i>Mol Cancer Res.</i> 5, 383-391 (2007)</p> <p>5. &lt;特許&gt;特願: 2012-126704 「抗がん剤のスクリーニング方法およびがん患者に適した抗がん剤の選択方法」; &lt;外部資金獲得状況&gt;文科省科研費補助金(萌芽) 2013</p>
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	<p>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 / <i>J Biol Chem.</i> 2002 277(32):28601-2868.</p>
佐京 智子	細胞病態生物学講座	助教	博士(医)	生物系薬学	<p>① 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. <i>Mol Cancer Res.</i> 8, 1547-57 (2010)</p> <p>② 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. / <i>FEBS Journal</i>, vol. 274, 2843-2853 (2007)</p> <p>③ Takayuki Kitagawa, Tomoko Sakyo and Yumi Ikeda.: Differential localization of glucose transporter isoforms in cultured mammalian cells. / <i>J. Pharmaceutical Society of Japan</i>, 124 (Suppl.4), 81-84 (2004)</p> <p>4. Sakyo, T., and Kitagawa, T.: Differential localization of glucose transporter isoforms in non-polarized mammalian cells: Distribution of GLUT1 but not GLUT3 to detergent-resistant membrane domains. / <i>Biochimica Biophysica Acta (BBA)-Biomembranes</i>, Vol. 1567, 165-175 (2002)</p> <p>&lt;外部資金獲得状況&gt; 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</p>

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川口 未央	細胞病態生物学講座	助教	博士 (薬)	創薬化学、天然資源系化学	<p>1. Kawaguchi M, Uchida R, Ohte S, Miyachi N, Kobayashi K, Sato N, Nonaka K, Masuma R, Fukuda T, Yasuhara T, Tomoda H. New dinapinone derivatives, potent inhibitors of triacylglycerol synthesis in mammalian cells, produced by <i>Talaromyces pinophilus</i> FKI-3864. <i>J Antibiot.</i> (2013) 66(3): 179-189</p> <p>2. Kawaguchi M, Fukuda T, Uchida R, Nonaka K, Masuma R, Tomoda H. A new ascochlorin derivative from <i>Cylindrocarpon</i> sp. FKI-4602. <i>J Antibiot.</i> (2013) 66(1): 23-29</p> <p>3. Kawaguchi M, Nonaka K, Masuma R and Tomoda H. New method for isolating antibiotic-producing fungi. <i>J Antibiot.</i> (2013) 66(1): 17-21</p> <p>4. Uchida R, Kawaguchi M, Sato N and Tomoda H. Stereochemistries of monapinones produced by <i>Talaromyces pinophilus</i> FKI-3864. <i>APSB.</i> (2013) 3(3): 163-166</p> <p>5. Uchida R, Ohte S, Kawamoto K, Yamazaki H, Kawaguchi M, Tomoda H. Structures and absolute stereochemistry of dinapinones A1 and A2, inhibitors of triacylglycerol synthesis, produced by <i>Penicillium pinophilum</i> FKI-3864. <i>J Antibiot.</i> (2012) 65(8): 419-425</p>