

臨床薬学講座情報薬科学分野

氏名	所属	職名	取得学位	専門分野	主な論文・著作・業績
西谷 直之	臨床薬学講座情報薬科学分野	教授	博士（薬学）	生物系薬学、創薬化学、腫瘍学	<p>①Oku, Y., Nishiya, N., Tazawa, T., Kobayashi, T., Umezawa, N., Sugawara, Y., Uehara, Y. Augmentation of the therapeutic efficacy of WEE1 kinase inhibitor AZD1775 by inhibiting the YAP-E2F1-DNA damage response pathway axis. FEBS Open Bio (2018) doi: 10.1002/2211-5463.12440</p> <p>②Fukuda T., Umeki T., Tokushima K., Xiang G., Yoshida Y., Ishibashi F., Oku Y., Nishiya N., Uehara Y., Iwao, M. Design, synthesis, and evaluation of A-ring-modified lamellarin N analogues as noncovalent inhibitors of the EGFR T790M/L858R mutant. Bioorg. Med. Chem., 25 (24): 6563-6580 (2017)</p> <p>③Nishiya, N., Oku, Y., Kumagai, Y., Sato, Y., Yamaguchi, E., Sasaki, A., Shoji, M., Ohnishi, Y., Okamoto, H., Uehara, Y. A screening for suppressor compounds of zebrafish eyeless chemotype identifies geranylgeranyltransferase inhibitors as suppressors of the Wnt canonical pathway. Chem. Biol., 21: 530-540 (2014)</p> <p>④文部科学省科学研究費補助金「課題名：mTORC構成因子Tel2を標的とした創薬の基盤構築」2018～2020年</p> <p>⑤国際出願 PCT/JP2018/ 13370「名称：第四世代EGFRチロシンキナーゼ阻害剤」、発明者：岩尾正倫、福田 勉、石橋郁人、上原至雅、西谷直之、奥 裕介、旦 慎吾、矢守 隆夫</p>
佐京 智子	臨床薬学講座情報薬科学分野	助教	博士（医学）	生物系薬学、病態医学、腫瘍生物学	<p>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)</p> <p>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)</p> <p>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)</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. / Biochimica Biophysica Acta(BBA)-Biomembranes, Vol. 1567, 165-175 (2002)</p> <p>⑤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（研究代表者）</p>