

臨床医化学講座

氏名	所属	職名	取得学位	専門分野	主な論文・著作・業績
那谷 耕司	臨床医化学講座	教授	医学博士	医化学一般, 病態 医化学, 代謝学	<p>①Takahashi I., Ohashi K., and Nata K.: Involvement of heparan sulfate 3-O-sulfotransferase isoform-1 in the insulin secretion pathway / J. Diabetes Invest. 3:362-370 (2012)</p> <p>②Nata, K., Liu, Y., Xu, L., Ikeda, T., Akiyama, T., Noguchi, N., Kawaguchi, S., Yamauchi, A., Takahashi, I., Shervani, N.J., Onogawa, T., Takasawa, S. and Okamoto, H.: Molecular cloning, expression and chromosomal localization of a novel human REG family gene, REG III. / Gene 340:161-170 (2004)</p> <p>③Takasawa, S., Nata, K., Yonekura, H. and Okamoto, H.: Cyclic ADP-ribose in insulin secretion from pancreatic beta cells. / Science 259:370-373 (1993)</p> <p>④文部科学省科学研究費補助金「課題名: インスリン産生膵β細胞の発生・分化、機能における糖転移酵素EXTL3の関与」2008年</p> <p>⑤科学技術庁総合研究「課題名: Reg因子による諸組織の再生促進機構の研究」1995年</p>
大橋 一晶	臨床医化学講座	准教授	博士(薬学)	生物系薬学, 植物分類学	<p>①Takahashi I., Ohashi K., and Nata K.: Involvement of heparan sulfate 3-O-sulfotransferase isoform-1 in the insulin secretion pathway / J. Diabetes Invest. 3:362-370 (2012)</p> <p>②Ohashi, H. and Ohashi, K.: Proposal to modify Article 37 Example 4. / Taxon 59, 1612. (2010)</p> <p>③Ohashi, K. and Ohashi H.: New Combinations of Melanthera (Asteraceae) in Japan and Taiwan. / J. Jpn. Bot. 85, 59-63. (2010)</p> <p>④Kawai, H., Tanji, T., Shiraishi, H., Yamada, M., Iijima, R., Inoue, T., Kezuka, Y., Ohashi, K., Yoshida, Y., Tohyama, K. Gengyo-Ando, K., Mitani, S., Arai, H., Ohashi-Kobayashi, A., and Maeda M.: Normal formation of a subset of intestinal granules in Caenorhabditis elegans requires ATP-binding cassette transporters HAF-4 and HAF-9, which are highly homologous to human lysosomal peptide transporter TAP-like. / Mol. Biol. Cell 20, 2979-2990. (2009)</p> <p>⑤Zhao, Y., Medrano, L., Ohashi, K., Fletcher, J. C., Yu, H., Sakai, H., Meyerowitz, E. M., : HANABA TARANU is a GATA transcription factor that regulates shoot apical meristem and flower development in Arabidopsis. / Plant Cell. 16, 2586-2600. (2004)</p>

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高橋 巖	臨床医化学講座	助教	博士(医学)	生化学, 糖尿病学, 糖質生物学	<p>①Takahashi I., Ohashi K., and Nata K.: Involvement of heparan sulfate 3-O-sulfotransferase isoform-1 in the insulin secretion pathway / J. Diabetes Invest. 3:362-370 (2012)</p> <p>②Ikeda T., Takasawa S., Noguchi N., Nata K., Yamauchi A., Takahashi I., Yoshikawa T., Sugawara A., Yonekura H., and Okamoto H.: Identification of a major enzyme for the synthesis and hydrolysis of cyclic ADP-ribose in amphibian cells and evolutionary conservation of the enzyme from human to invertebrate. Mol. Cell. Biochem. 366:69-80 (2012)</p> <p>③Takahashi, I., Ohashi, K., Shervani, N.J. and Nata K.: Involvement of heparan sulfate 3-O-sulfotransferase isoform-1 for insulin secretion pathway / Diabetologia 54 Suppl.1:S166(2011)</p> <p>④Takahashi, I., Ohashi, K., Shervani, N.J. and Nata K.: Sulfation Fine Structure of Heparan Sulfate Is Implicated in the Regulation of Insulin Secretion / Diabetes.60 Suppl.1:A543(2011)</p> <p>⑤Takahashi, I., Noguchi, N., Nata, K., Yamada, S., Kaneiwa, T., Mizumoto, S., Ikeda, T., Sugihara, K., Asano, M., Yoshikawa, T., Yamauchi, A., Shervani, N.J., Uruno, A., Kato, I., Unno, M., Sugahara, K., Takasawa, S., Okamoto, H. and Sugawara, A.: Important role of heparan sulfate in postnatal islet growth and insulin secretion / Biochem. Biophys. Res. Commun. 383:113-118(2009)</p>
ナウシィン シェルワニー	臨床医化学講座	助教	博士(医学)	医化学, 生物学, 生物工学	<p>①Takahashi, I., Noguchi, N., Nata, K., Yamada, S., Kaneiwa, T., Mizumoto, S., Ikeda, T., Sugihara, K., Asano, M., Yoshikawa, T., Yamauchi, A., Shervani, N.J., Uruno, A., Kato, I., Unno, M., Sugahara, K., Takasawa, S., Okamoto, H., Sugawara, A.: Important role of heparan sulfate in postnatal islet growth and insulin secretion. / Biochem. Biophys. Res. Commun. 383:113-118. (2009)</p> <p>②Basak, A., Shervani, N.J., Mbikay, M., Kolajova, M.: Recombinant proprotein convertase 4 (PC4) from Leishmania tarentolae expression system: purification, biochemical study and inhibitor design. / Protein Expr. Purif. 60:117-126 (2008)</p> <p>③Shervani, N.J., Takasawa, S., Uchigata, Y., Akiyama, T., Nakagawa, K., Noguchi, N., Takada, H., Takahashi, I., Yamauchi, A., Ikeda, T., Iwamoto, Y., Nata, K., Okamoto, H.: Autoantibodies to REG, a beta-cell regeneration factor, in diabetic patients. / Eur. J. Clin. Invest. 34(11):752-758 (2004)</p> <p>④Shervani, N.J., Nata, K., Noguchi, N., Takahashi, I., Ikeda, T., Yamauchi, A., Yoshikawa, T., Uruno, S., Takasawa, S., Okamoto, H., Sugawara, A.: Autoimmunity against Reg family antigens in Japanese diabetes patients. / 20th World Diabetes Congress, International Diabetes Federation, Oct. 2009.</p> <p>⑤Shervani, N.J., Takahashi, I., Ohashi, K., Noguchi, N., Okamoto, H., Takasawa, S., Sugawara, A., Nata, K.: A Study on the effect of auto-autoantibodies to human REG (Regenerating Gene) family proteins in type 1 and type 2 diabetes. / 第53回日本糖尿病学会年次学術集会, 平成22年5月29日</p>