

化学科

氏名	所属	職名	取得学位	専門分野	主な論文・著作・業績
中島 理	化学科	准教授	博士(理学)	無機化学、 固体化学、 材料科学	①ATOUE, T. and NAKAJIMA, S. : Electronic transition of cobalt monoxide under high-pressure / Jpn. J. Appl. Phys. 43 : L1281-L1282 (2004) ②OKU, T. and NAKAJIMA, S. : Atomic structures of surface and interface in (Hg, Tl, Pb)-based superconductors studied by high-resolution electron microscopy / Solid State Communication 124 : 305-309 (2002) ③NAKAJIMA, S., OKU, T., NAGASE, K. and SYONO, Y. : Superconductivity in over-doping state of (Hg, Tl) (Ba, La) ₂ CuO _v and (Hg, Tl) ₂ Ba ₂ CuO _v systems / Physica C 262 : 1-6 (1996) ④NAKAJIMA, S., KIKUCHI, M., ATOUE, T., KIKUCHI, M. and SYONO, Y. : Effectiveness of high pressure synthesis of bulk high temperature superconductors of Hg-Ba-Ca-Cu-O system / Jpn. J. Appl. Phys. 33 : 1863-1864 (1994) ⑤NAKAJIMA, S., OKU, T., SUZUKI, R., KIKUCHI, M., HIRAGA, K. and SYONO, Y. : Chemical characterization and superconductivity of Tl ₂ Ba _{2-x} La _x CuO _y with the orthorhombic and tetragonal structure / Physica C 214 : 80-86 (1993)
東尾 浩典	化学科	講師	博士 (バイオサイエンス)	細胞生物学、機 能生物化学、医 化学一般	①Higashio, H., Nishimura, N., Ishizaki, H., Miyoshi, J., Orita, S., Sakane, A. and Sasaki, T. : Doc2α and Munc13-4 regulate Ca ²⁺ -dependent secretory lysosome exocytosis in mast cells / J. Immunol. 180:4774-4784 (2008) ②Higashio, H., Sato, K. and Nakano, A. : Smy2p participates in COPII vesicle formation through the interaction with Sec23p/Sec24p subcomplex / Traffic 9:79-93 (2008) ③Higashio, H. and Kohno, K. : A genetic link between the unfolded protein response and vesicle formation from the endoplasmic reticulum / Biochem. Biophys. Res. Commun. 296:568-574 (2002) ④Higashio, H., Kimata, Y., Kiriyama, T., Hirata, A. and Kohno, K. : Sfb2p, a yeast protein related to Sec24p, can function as a constituent of COPII coats required for vesicle budding from the endoplasmic reticulum / J. Biol. Chem. 275:17900-17908 (2000) ⑤日本学術振興会学術研究助成基金助成金(基盤研究(C))「肥満細胞脱顆粒過程のイメージングと遺伝子機能解析への応用」2013年
岩渕 玲子	化学科	助教	博士(医学)	神経化学、細胞 内情報伝達	①渡辺則之、川崎 敏、木村真吾、藤田(岩渕) 玲子、原田美里、佐々木和彦:ラット心房筋細胞におけるM2受容体刺激で誘起されるK ⁺ 電流応答に対するibudilastの抑制効果/岩手医誌:64, 113-128(2012) ②Fujita(Iwabuchi) R., Kimura S., Kawasaki S., Watanabe S., Watanabe N., Hirano H., Matsumoto M., Sasaki K. : Electrophysiological and pharmacological characterization of the K _{ATP} channel involved in the K ⁺ current responses to FSH and adenosine / J. Physiol Sci, 57:51-61(2007) ③Fujita(Iwabuchi) R., Kimura S., Kawasaki S., Takashima K., Matsumoto M., Hirano H., Sasaki K. : ATP suppresses the K ⁺ current responses to FSH and adenosine in the follicular cells of <i>Xenopus</i> oocyte. / J. J. Physiol. :51:491-500(2001) ④Fujita(Iwabuchi) R., Tamazawa Y., Barnard EA., Matsumoto M. : Blocking effect of serotonin on beta-adrenoceptor activity in follicle-enclosed <i>Xenopus</i> oocytes. / Eur J Pharmacol. ;240(2-3):213-7(1993) ⑤岩手医科大学主幹会学術振興会研究助成金「課題名:卵母細胞の減数分裂再開に及ぼす膜電位の研究」1996年

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吉田 潤	化学科	助教	博士(農学)	応用生物化学、 天然物化学、 ケミカルバイオ ロジー	<p>①Yoshida, J., Seino, H., Ito, Y., Nakano, T., Satoh, T., Ogane, Y., Suwa, S., Koshino, H., Kimura, K. : Inhibition of glycogen synthase kinase-3β by falcarindiol isolated from Japanese parsley (<i>Oenanthe javanica</i>) / J. Agric. Food Chem. 61:7515-7521 (2013)</p> <p>②*Aburai, N., *Yoshida, J., Kobayashi, M., Mizunuma, M., Ohnishi, M., Kimura, K. : Pisiferdiol restores the growth of a mutant yeast suffering from hyper-activated Ca²⁺-signaling through calcineurin inhibition / FEMS Yeast Res. 13:16-22 (2013) (* equally contributed)</p> <p>③Yoshida, J., Nomura, S., Nishizawa, N., Ito, Y., Kimura, K. : Glycogen synthase kinase-3β inhibition of 6-(methylsulfinyl)hexyl isothiocyanate derived from Wasabi (<i>Wasabia japonica</i> Matum) / Biosci., Biotechnol., Biochem. 75:136-139 (2011)</p> <p>④Attrapadung, S., Yoshida, J., Kimura, K., Mizunuma, M., Miyakawa, T., Wongsatayanon, T. B. : Identification of ricinoleic acid as an inhibitor of Ca²⁺ signal mediated cell-cycle regulation in budding yeast / FEMS Yeast Res. 10:38-43 (2010)</p> <p>⑤Ogasawara, Y., Yoshida, J., Shiono, Y., Miyakawa, T., Kimura, K. : New eremophilane sesquiterpenoid compounds, eremoxylarins A and B directly inhibit calcineurin in a manner independent of immunophilin / J. Antibiot. 61:496-450 (2008)</p>