

生化学講座細胞情報学分野

氏名	所属	職名	取得学位	専門分野	主な論文・著作・業績
石崎 明	生化学講座細胞情報科学分野	教授	博士（歯学）	機能系基礎歯科学、 歯科医用工学・再生 歯学	<p>①Ishisaki, A. et al.: Smad7 is an activin-inducible inhibitor of activin-induced growth arrest and apoptosis in mouse B cells./J. Biol. Chem., 273: 24293-24296, (1998)</p> <p>②Ishisaki, A. et al.: Differential Inhibition of Smad6 and Smad7 on bone morphogenetic protein- and activin-mediated growth arrest and apoptosis in B cells./J. Biol. Chem., 274: 13637-13642, (1999)</p> <p>③Ishisaki, A. et al.: Human umbilical vein endothelium-derived cells retain potential to differentiate into smooth muscle-like cells./J. Biol. Chem., 278: 1303-1309, (2003)</p> <p>④Kanno, Y. et al. (2nd in 12 authors): Plasminogen/Plasmin modulates bone metabolism by regulating the osteoblast and osteoclast function./J. Biol. Chem., 286: 8952-8960, (2011)</p> <p>⑤早川太郎、須田立雄、木崎治俊監修 畑隆一郎、高橋信博、宇田川信之、東 俊文、上條竜太郎、石崎 明、加藤靖正共著 「序章 口腔機能の分子・細胞生物学的理解のために」 担当 / 口腔生化学第5版 医歯薬出版株式会社 2011年</p>
加茂 政晴	生化学講座細胞情報科学分野	准教授	博士（理学）	機能系基礎歯科学、 構造生物化学	<p>①Yoshida, Y., Ito, S., Kamo, M., et al.: Production of hydrogen sulfide by two enzymes associated with biosynthesis of homocysteine and lanthionine in Fusobacterium nucleatum subsp. nucleatum ATCC 25586 / Microbiol. 156: 2260-2269 (2010)</p> <p>②Iida, T., Kamo, M., et al.: Further application of a two-step heparin affinity chromatography method using divalent cations as eluents: purification and identification of membrane-bound heparin binding proteins from the mitochondrial fraction of HL-60 cells / J. Chromatography B, 823: 209-212 (2005)</p> <p>③Kamo, M. and Tsugita, A.: Specific cleavage of amino side chains of serine/threonine in peptides and proteins with S-ethyl trifluoroacetate vapor / Eur. J. Biochem. 255: 162-171(1998)</p> <p>④Kamo, M., Kawakami, T., et al.: Separation and Characterization of Arabidopsis thaliana proteins by two-dimensional gel electrophoresis / Electrophoresis, 16: 423-430 (1995)</p> <p>⑤文部科学省科学研究費補助金「課題名：口腔扁平上皮癌細胞におけるガレクチン-1のアノキス抑制機構の解析」2010年</p>

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氏名	所属	職名	取得学位	専門分野	主な論文・著作・業績
客本 齊子	生化学講座細胞情報科学分野	講師	博士（歯学）	機能系基礎歯科学、再生歯学	<p>①Chosa, N.*, Kyakumoto, S.*, Kito, N., et al. * co-first author/ Mechanism of Fas-mediated cell death and its enhancement by TNF-alpha in human salivary gland adenocarcinoma cell line HSG./ Eur. J. Oral Sci.112: 338-346. (2004)</p> <p>②Kyakumoto, S., Kito, N., and Sato, N./ Expression of cAMP response element binding protein (CREB)-binding protein (CBP) and the implication in retinoic acid-inducible transcription activation in human salivary gland adenocarcinoma cell line HSG./ Endocr. Res. 29(3): 277-289. (2003)</p> <p>③Nagai, M., Kyakumoto, S. and Sato, N./ Cancer cells responsible for humoral hypercalcemia express mRNA encoding a secreted form of ODF/TRANCE that induces osteoclast formation./ Biochem. Biophys. Res. Commun. 269: 532-536 (2000)</p> <p>④Kyakumoto, S., Ota, M. and Sato, N./ Inhibition of retinoic acid-inducible transcription by COUP-TFI in human salivary gland adenocarcinoma cell line HSG. Biochem. Cell Biol. 77: 515-526. (1999)</p> <p>⑤高橋美香子、大久保直登、帖佐直幸ら(他5名、last author)/ 維芽細胞増殖因子(FGF1)によるラット歯周韧带由来未分化間葉系細胞様細胞の増殖促進効果発現メカニズム./ 口腔組織培養学会誌 20(1): 23-24 (2010)</p>
帖佐 直幸	生化学講座細胞情報科学分野	助教	博士（地球環境科学）	生化学・分子生物学・細胞生物学	<p>①Kanno Y., Ishisaki A., Kawashita E., Chosa N., Nakajima K., Nishihara T., Toyoshima K., Okada K., Ueshima S., Matsushita K., Matsuo O., Matsuno H. "Plasminogen/plasmin modulates bone metabolism by regulating the osteoblast and osteoclast function". Journal of Biological Chemistry, 286:8952-8960, 2011.</p> <p>②Nishihira S., Okubo N., Takahashi N., Ishisaki A., Sugiyama Y., Chosa N. "High-cell density-induced VCAM1 expression inhibits the migratory ability of mesenchymal stem cells". Cell Biology International, 35:475-481, 2011.</p> <p>③Jang I.H.*, Chosa N.*, Kim S.H., Nam H.J., Lemaitre B., Ochiai M., Kambris Z., Brun S., Hashimoto C., Ashida M., Brey P.T., Lee W.J. "A Spatzle-processing enzyme is indispensable for Toll signaling activation in Drosophila innate immunity". Developmental Cell, 10:45-55, 2006. *co-first authors.</p> <p>④Chosa N., Kyakumoto S., Kito N., Kamo M., Sato N. "Mechanism of Fas-mediated cell death and its enhancement by TNF-alpha in human salivary gland adenocarcinoma cell line HSG". European Journal of Oral Science, 112:338-346, 2004.</p> <p>⑤Chosa N., Taira M., Saitoh S., Sato N., Araki Y. "Characterization of apatite formed on alkaline-heat-treated Ti". Journal of Dental Research, 83:465-469, 2004.</p>