

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）	常態系口腔科学関連 病態系口腔科学関連 腫瘍生物学関連	①Yokota, S., et al. (5th in 5 authors): Extracellular adenosine 5'-diphosphate promotes MCP-1/CCL2 expression via the P2Y13 purinergic receptor/ERK signaling axis in temporomandibular joint-derived mouse fibroblast-like synoviocytes. Mol. Biol. Rep., 50: 1595-1602, 2023. ②Takizawa, N., et al. (12th in 13 authors): Bone marrow-derived mesenchymal stem cells propagate immunosuppressive/anti-inflammatory macrophages in cell-to-cell contact-independent and -dependent manners under hypoxic culture., Exp. Cell Res., 358: 411-420, 2017. ③Kanno, 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. ④Ishisaki, A., et al. (1st in 4 authors): Human umbilical vein endothelium-derived cells retain potential to differentiate into smooth muscle-like cells. J. Biol. Chem., 278: 1303-1309, 2003. ⑤Ishisaki, A., et al. (1st in 9 authors): 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.
帖佐 直幸	生化学講座 細胞情報科学分野	准教授	博士 （地球環境科学）	常態系口腔科学関連 医科学関連 免疫学関連	①Chosa N., Ishisaki A. "Two novel mechanisms for maintenance of stemness in mesenchymal stem cells: SCRG1/BST1 axis and cell-cell adhesion through N-cadherin". Japanese Dental Science Review, 54:37-44, 2018. ②Suzuki K.*, Chosa N.*, Sawada S., Takizawa N., Yaegashi T., Ishisaki A. "Enhancement of anti-inflammatory and osteogenic abilities of mesenchymal stem cells via cell-to-cell adhesion to periodontal ligament-derived fibroblasts". Stem Cells International, 2017:3296498, 2017. *co-first authors. ③Inoue M., Yamada J, Aomatsu-Kikuchi E., Satoh K., Kondo H., Ishisaki A., Chosa N. "SCRG1 suppresses LPS-induced CCL22 production through ERK1/2 activation in mouse macrophage Raw264.7 cells". Molecular Medicine Reports, 15:4069-4076, 2017. ④Aomatsu E., Takahashi N., Sawada S., Okubo N., Hasegawa T., Taira M., Miura H., Ishisaki A., Chosa N. "Novel SCRG1/BST1 axis regulates self-renewal, migration, and osteogenic differentiation potential in mesenchymal stem cells". Scientific Reports, 4:3652, 2014. ⑤Jang 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.

横田 聖司	生化学講座 細胞情報科学分野	講師	博士（歯学）	常態系口腔科学関連 病態系口腔科学関連	①Yokota S, Chosa N, Matsumoto S, Satoh K, Ishisaki A. "Extracellular adenosine 5'-diphosphate promotes MCP-1/CCL2 expression via the P2Y13 purinergic receptor/ERK signaling axis in temporomandibular joint-derived mouse fibroblast-like synoviocyte". Molecular Biology Reports, 50:1595-1602, 2023. ②Asanuma K, Yokota S, Chosa N, Kamo M, Ibi M, Mayama H, Irie T, Satoh K, Ishisaki A. "Hydrogen peroxide-induced oxidative stress promotes expression of CXCL15/Lungkine mRNA in a MEK/ERK-dependent manner in fibroblast-like synoviocytes derived from mouse temporomandibular joint". Journal of Oral Biosciences, 65:97-103, 2023. ③Matsumoto S, Yokota S, Chosa N, Kyakumoto S, Kimura H, Kamo M, Satoh K, Ishisaki A. "Receptor tyrosine kinase ligands and inflammatory cytokines cooperatively suppress the fibrogenic activity in temporomandibular-joint-derived fibroblast-like synoviocytes via mitogen-activated protein kinase kinase/extracellular signal-regulated kinase". Experimental and Therapeutic Medicine, 20:1967-1974, 2020. ④Ohta M.,Chosa N.,Kyakumoto S.,Yokota S.,Okubo N.,Nemoto A.,Kamo M.,Joh S.,Satoh K.,Ishisaki A. "IL-1β and TNF-α suppress TGF-β -promoted NGF expression in periodontal ligament-derived fibroblasts through inactivational of TGF-β -induced Smad2/3-, and p38 MAPK-mediated signals".International Journal of Molecular Medicine. 43:1484-1494. 2018 ⑤Yokota S., Chosa N., Kyakumoto S., Kimura H., Ibi M., Kamo M., Satoh K., Ishisaki A. "ROCK/actin/MRTF signaling promotes the fibrogenic phenotype of fibroblast-like synoviocytes derived from the temporomandibular joint". International Journal of Molecular Medicine, 39:799-808, 2017.
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