

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. (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)</p> <p>②Ishisaki, 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)</p> <p>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)</p> <p>④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> <p>⑤Yoshida, M. et al. (8th in 8 authors): TGF-<math>\beta</math>-operated growth inhibition and translineage commitment into smooth muscle cells of periodontal ligament-derived endothelial progenitor cells through Smad- and p38MAPK-dependent signals./ Int. J. of Biol. Sci. 8: 1062-1074 (2012)</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、腫瘍生物学	<p>①Hino M., et al. (2nd in 7 authors/Corresponding author): Transforming growth factor-<math>\beta</math>1 induces invasion ability of HSC-4 human oral squamous cell carcinoma cells through the Slug/Wnt-5b/MMP-10 signalling axis / J Biochem 159: 631-640 (2016)</p> <p>②Saito, D., et al. (last in 9 authors/Corresponding author): Transforming growth factor-<math>\beta</math>1 induces epithelial-mesenchymal transition and integrin <math>\alpha</math>3<math>\beta</math>1-mediated cell migration of HSC-4 human squamous cell carcinoma cells through Slug / J. Biochem. 153: 303-315 (2013)</p> <p>③Yoshida, Y., et al. (3rd in 7 authors): 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>④Kamo, M. and Tsugita, A.: Specific cleavage of amino side chains of serine/threonine in peptides and proteins with S-ethyl trifluorothioacetate vapor / Eur. J. Biochem. 255: 162-171(1998)</p> <p>⑤Kamo, M., et al. (1st in 4 authors): Separation and Characterization of Arabidopsis thaliana proteins by two-dimensional gel electrophoresis / Electrophoresis, 16: 423-430 (1995)</p>

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客本 齊子	生化学講座細胞情報科学分野	特任准教授	博士（歯学）	機能系基礎歯科学、再生歯学	<p>①Komatsu, Y. et al. (4th in 8 authors): Zoledronic acid suppresses transforming growth factor-<math>\beta</math>-induced fibrogenesis by human gingival fibroblasts. Int. J. Molel. Med. 38: 139-147 (2016)</p> <p>②Hino M., et al. (2nd in 7 authors/Corresponding author): Transforming growth factor-<math>\beta</math> 1 induces invasion ability of HSC-4 human oral squamous cell carcinoma cells through the Slug/Wnt-5b/MMP-10 signalling axis / J Biochem 159: 631-640 (2016)</p> <p>③Kimura, H. et al. (4th in 7 authors): EGF positively regulates the proliferation and migration, and negatively regulates the myofibroblast differentiation of periodontal ligament-derived endothelial progenitor cells through MEK/ERK- and JNK-dependent signals. Cell Physiol Biochem. 32: 899-914 (2013)</p> <p>④Saito, D., et al. (2nd in 9 authors): Transforming growth factor-<math>\beta</math> 1 induces epithelial-mesenchymal transition and integrin <math>\alpha</math>3<math>\beta</math>1-mediated cell migration of HSC-4 human squamous cell carcinoma cells through Slug. / J. Biochem. 153: 303-315 (2013)</p> <p>⑤Yoshida, M et al. (7th in 8 authors): TGF-<math>\beta</math>-operated growth inhibition and translineage commitment into smooth muscle cells of periodontal ligament-derived endothelial progenitor cells through Smad- and p38MAPK-dependent signals./ Int. J. of Biol. Sci. 8: 1062-1074 (2012)</p>
帖佐 直幸	生化学講座細胞情報科学分野	特任講師	博士（地球環境科学）	分子生物学・細胞生物学・機能生物化学	