微生物学講座分子微生物学分野

氏名	所属	職名	取得学位	専門分野	主な論文・著作・業績
木村　重信	微生物学講座分子微生物学分野	教授	博士（歯学）	形態系基礎歯科学，微生物学，免疫学	①Ohara-Nemoto, Y., Rouf, S. M., Naito, M., Yanase, A., Tetsuo, F., Ono, T., Kobayakawa, T., Shimoyama, Y., Kimura, S., Nakayama, K., Saiki, K., Konishi, K. and Nemoto, T. K.: Identification and characterization of prokaryotic dipeptidyl-peptidase from Porphyromonas gingivalis. J. Biol. Chem., 289, 5436-5448,(2014) ②Kishi, M., Ohara-Nemoto, Y., Takahashi. M., Kishi, K., Kimura, S., Aizawa, F. and Yonemitsu, M.: Prediction of periodontopathic bacteria in dental plaque of periodontal healthy subjects by measurement of volatile sulfur compounds in mouth air. Arch. Oral Biol, 58: 324-330.(2013) ③Kimura, S., Ohara-Nemoto, Y., Shimoyama, Y., Ishikawa, T. and Sasaki, M.: Pathogenic factors of P. gingivalis and host defense mechanisms. In Pathogenesis and treatment of periodontitis (N. Buduneli, ed.), InTch, Rijeka, Croatia. p. 3-18.(2012) ④Ohara-Nemoto, Y., Shimoyama, Y., Kimura, S., Kon, A., Haraga, H., Ono, T. and Nemoto, T. K.: Asp- and Glu-specific novel dipeptidyl peptidase 11 of Porphyromonas gingivalis that ensures utilization of proteineous energy sources. J. Biol. Chem., 286: 38115-38127 (2011) ⑤文部科学省科学研究費補助金 基盤研究(Ｃ)「課題名：SLPIによる*P. gingivalis* プロテアーゼ阻害作用と感染制御」（平成２４年度～平成２６年度）研究代表者
佐々木　実	微生物学講座分子微生物学分野	准教授	博士（薬学）	形態系基礎歯科学、微生物学、免疫学	①Hatakeyama, W., Taira, M., Kihara, H., Sasaki, M., Kimura, S. and Kondo, H.: Subcutaneous tissue reactions against nano-apatite collagen composites. Nano Biomed., 4: 118-124 (2012) ②Sasaki, M., Kodama, Y., Shimoyama, Y., Ishikawa, T. and Kimura, S.: Fibronectin binding activity of Streptococcus anginosus promotes the adherence to mucosal epithelial cells. In Interface Oral Health Science 2011 (Watanabe, M. et al., eds.),Springer Japan, Tokyo, 204-205 (2012) ③Sasaki, M., Tajika, S., Kodama, S., Shimoyama, Y. and Kimura, S : Rapid identifiction of HACEK group bacteria using 16S rRNA gene PCR-RFLP. In Interface Oral Health Science 2009 (Watanabe, M. et al., eds.),Springer Japan, Tokyo, 262-264 (2009) ④Sasaki, M., Yamaura, C., Ohara-Nemoto, Y., Tajika, S., Kodama, Y., Ohya, T., Harada, R. and Kimura, S.: Streptococcus anginosus infection in oral cancer and its infection route. Oral Dis., 11: 151-156 (2005) ⑤文部科学省科学研究費補助金 基盤研究(Ｃ)「課題名：癌原性口腔細菌によるヒト上皮AID発現誘導とp53遺伝子変異の解析」（平成２５年度～平成２７年度）研究代表者

微生物学講座分子微生物学分野

氏名	所属	職名	取得学位	専門分野	主な論文・著作・業績
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石河　太知	微生物学講座分子微生物学分野	助教	博士（歯学）	形態系基礎歯科学、微生物学、免疫学	①Ishikawa, T., Wondimu, Z., Oikawa, Y., Gentilcore, G., Kiessling, R., Egyhazi Brage, S., Hansson, J. and Patarroyo, M.: Laminins 411 and 421 differentially promote tumor cell migration via α6β1 integrin and MCAM (CD146). Matrix Biology,(2014), (in press) ②Ishikawa, T., Wondimu, Z., Oikawa, Y., Ingerpuu, S., Virtanen, I. and Patarroyo, M.: Monoclonal antibodies to human laminin α4 chain globular domain inhibit tumor cell adhesion and migration on laminin 411 and 421, and binding of α6β1 integrin and MCAM to α4-laminins. Matrix Biology, 36: 5-14 (2014) ③Shimoyama, Y., Sasaki, M., Ohara-Nemoto, Y., Nemoto, T. K., Ishikawa, T. and Kimura, S.: Rapid identification of Abiotrophia/Granulicatella species by 16S rRNA-based PCR and RFLP. In Interface Oral Health Science 2011 (Sasaki, K. et al., eds.), Springer Japan, Tokyo, 206-208 (2012) ④石河太知:分泌型白血球プロテアーゼインヒビターによる歯肉上皮細胞の Porphyromonas gingivalis 感染制御. 岩手医大誌. 35: 29-41 (2010) ⑤Ishikawa, T., Ohara-Nemoto, Y., Tajika, S., Sasaki, M. and Kimura, S.: The production of secretory leukocyte protease inhibitor (SLPI) from gingival epithelial cells in response to Porphyromonas gingivalis lipopolysaccharides. In Interface Oral Health Science 2009 (Sasano, T., et al., eds.), Springer Japan, Tokyo, 275-276 (2009)