

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
石河 太知	微生物学講座 分子微生物学分野	教授	博士（歯学）	病態系口腔科学関連 微生物学 免疫学	<p>①Ishikawa T, Sugawara S, Kihara H, hanasaka T, Hatakeyama W, Sasaki M and Kondo H: Titanium nanoparticles potentially affect gingival tissue through IL-13α2 receptor expression. Journal of oral science, 63(3) 263-266. (2021)</p> <p>②Ishikawa T, Terashima J, Sasaki D, Shimoyama Y, Yaegashi T and Sasaki M: Establishment and use of a three-dimensional ameloblastoma culture model to study the effects of butyric acid on the transcription of growth factors and laminin β3. Archives of Oral Biology, 21;118:104845 (2020)</p> <p>③Ishikawa 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, 38: 69-83 (2014)</p> <p>④Ishikawa 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)</p> <p>⑤文部科学省科学研究費補助金 基盤研究(C)「課題名：低体重出生に関わる苦味受容体を介した歯周病原細菌の影響」(2020-04-01 – 2024-03-31) 研究代表者</p>
下山 佑	微生物学講座 分子微生物学分野	准教授	博士（歯学）	病態系口腔科学関連 微生物学 免疫学	<p>①Shimoyama Y, Ishikawa T, Kodama Y, Kimura S, Sasaki M: Tyrosine tRNA synthetase as a novel extracellular immunomodulatory protein in Streptococcus anginosus.. FEMS microbiol. Lett. (2020) DOI: 10.1093/femsle/fnaa153.</p> <p>②Shimoyama Y, Ohara-Nemoto Y, Kimura M, Nemoto T K, Tanaka M and Kimura S: Dominant prevalence of Porphyromonas gingivalis fimA types I and IV in healthy Japanese children. J. Dent. Sci., 12: 213-219 (2017).</p> <p>③Ohara-Nemoto Y, Nakasato M, Shimoyama Y, Baba T T, Kobayakawa T, Ono T, Yaegashi T, Kimura S and Nemoto T K: Degradation of Incretins and Modulation of Blood Glucose Levels By Periodontopathic Bacterial Dipeptidyl Peptidase 4. Infect. Immun., 85: e00277-17 (2017).</p> <p>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 proteinoous energy sources. J. Biol. Chem., 286: 38115-38127 (2011)</p> <p>⑤文部科学省科学研究費補助金 基盤研究(C)「課題名：歯肉縁下プラークでの細菌共生関係解明に向けた歯周病原性細菌生育機構の解析」(平成30年度～平成32年度) 研究代表者</p>