

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
佐々木 実	微生物学講座 分子微生物学 分野	教授	博士（薬学）	病態系口腔科 学関連、微生物学、免疫学	<p>①Sasaki, M., Shimoyama, Y., Kodama, Y. Ishikawa, T. Abiotrophia defectiva DnaK promotes fibronectin-mediated adherence to HUVECs and induces a proinflammatory response., Int. J. Mol. Sci., 22(16), 8528 (2021) <a href="https://doi.org/10.3390/ijms22168528">https://doi.org/10.3390/ijms22168528</a></p> <p>② Sasaki, M., Kodama, Y., Shimoyama, Y., Ishikawa, T., Tajika, S., Kimura, S. Abiotrophia defectiva adhere to saliva-coated hydroxyapatite beads via interactions between salivary proline-rich-proteins and bacterial glyceraldehyde-3-phosphate dehydrogenase. Microbiol. Immunol. 64 : 719-729( 2020).</p> <p>③Kodama,Y.,Shimoyama,Y., Ishikawa,T., Kimura, S.,Sasaki,M: Characterization and pathogenicity of fibronectin binding protein Fbpl of Streptococcus intermedius. Arch Microbiol, doi: 10.1007/s00203-020-01922-y.(2020)</p> <p>④ Sasaki,M.,Shimoyama,Y.,Ishikawa,T.,Kodama,T.,Tajika,S., Kimura, S. Contribution of different adherent properties of Granulicatella adiacens and Abiotrophia defectiva to their associations with oral colonization and the risk of infective endocarditis. J Oral Sci, 62: 36-39, (2020).</p> <p>⑤ Sasaki, 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)</p>

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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 proteineous 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>
石河 太知	微生物学講座 分子微生物学 分野	講師	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-13<math>\alpha</math>2 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 <math>\beta</math>3. 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 <math>\alpha</math>6<math>\beta</math>1 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 <math>\alpha</math>4 chain globular domain inhibit tumor cell adhesion and migration on laminin 411 and 421, and binding of <math>\alpha</math>6<math>\beta</math>1 integrin and MCAM to <math>\alpha</math>4-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>