

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>① Kodama,Y.,Shimoyama,Y., Ishikawa,T., Kimura, S.,Sasaki,M: Characterization and pathogenicity of fibronectin binding protein Fbpl of <i>Streptococcus intermedius</i>. Arch Microbiol, doi: 10.1007/s00203-020-01922-y.(2020)</p> <p>② Sasaki,M.,Shimoyama,Y.,Ishikawa,T.,Kodama,T.,Tajika,S., Kimura, S. Contribution of different adherent properties of <i>Granulicatella adiacens</i> and <i>Abiotrophia defectiva</i> to their associations with oral colonization and the risk of infective endocarditis. J Oral Sci, 62: 36-39, (2020).</p> <p>③ Sasaki,M., Kodama,Y.,Shimoyama,Y., Ishikawa,T., Kimura, S.. Aciduricity and acid tolerance mechanisms of <i>Streptococcus anginosus</i>. J Gen. Appl. Microbiol., 64: 174-179, (2018)</p> <p>④ Kodama,Y.,Ishikawa,T., Shimoyama,Y.Sasaki,D., Kimura,S.,Sasaki, M. The fibronectin-binding protein homologue Fbp62 of <i>Streptococcus anginosus</i> is a potent virulence factor. Microbiology and Immunology, 62: 624-634, (2018)</p> <p>⑤ Sasaki, M., Yamaura, C., Ohara-Nemoto, Y., Tajika, S., Kodama, Y., Ohya, T., Harada, R. and Kimura, S.: <i>Streptococcus anginosus</i> infection in oral cancer and its infection route. Oral Dis., 11: 151-156 (2005)</p>
下山 佑	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>①Shimoyama, 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>②Shimoyama, 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).</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>

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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	助教	博士（歯学）	病態系口腔科学 関連、微生物学、免疫学	<p>①Ishikawa 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 β 3. Archives of Oral Biology, 21;118:104845 (2020)</p> <p>②Ishikawa T, Terashima J, Shimoyama Y, Ohashi Y, Mikami T, Takeda Y and Sasaki M: Effects of butyric acid, a bacterial metabolite, on the migration of ameloblastoma mediated by laminin 332. Journal of oral science 2020年2月 accepted</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 α 6 β 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 α 4 chain globular domain inhibit tumor cell adhesion and migration on laminin 411 and 421, and binding of α 6 β 1 integrin and MCAM to α 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>