

鹿児島大学歯学部発表論文 (2013年 SCI(または JCR) リスト雑誌に公表された業績 (IF2013))

1. Sonomura T, Furuta T, Nakatani I, Yamamoto Y, Unzai T, Matsuda W, Iwai H, Yamanaka A, Uemura M, Kaneko T. Correlative analysis of immunoreactivity in confocal laser-scanning microscopy and scanning electron microscopy with focused ion beam milling. *Frontiers in Neural Circuits* 2013; 7(26): 1-7. (3.333)
2. Shimotakahara R, Shimada K, Kodama K. Anatomical study on the sinuatrial nodal branch in the human coronary artery. *Anat Sci Int* 2014; 89(2): 79-84. (0.625)
3. Nakao J, Fujii Y, Kusuyama J, Bandow K, Kakimoto K, Ohnishi T, Matsuguchi T. Low-intensity pulsed ultrasound (LIPUS) inhibits LPS-induced inflammatory responses of osteoblasts through TLR4-MyD88 dissociation. *Bone*, 2014 Jan; 58: 17-25. (3.823)
4. Ohnishi T, Bandow K, Kakimoto K, Kusuyama J, Matsuguchi T. Long-Time Treatment by Low-Dose N-Acetyl-L-Cysteine Enhances Proinflammatory Cytokine Expressions in LPS-Stimulated Macrophages. *PLoS ONE* 2014; 9(2): e87229. (3.730)
5. Kusuyama T, Bandow K, Shamoto M, Kakimoto K, Ohnishi T, Matsuguchi T. Low Intensity Pulsed Ultrasound (LIPUS) Influences the Multilineage Differentiation of Mesenchymal Stem and Progenitor Cell Lines through ROCK-Cot/Tpl2-MEK-ERK Signaling Pathway. *J. Biol. Chem.* 2014 Epub 2014 Feb 18 (4.651)
6. Matsui I, Hamano T, Mikami S, Inoue K, Shimomura A, Nagasawa Y, Michigami T, Ohnishi T, Fujii N, Nakano C, Kusunoki Y, Kitamura H, Iwatani H, Takabatake Y, Kaimori JY, Matsuba G, Okoshi K, Kimura-Suda H, Tsubakihara Y, Rakugi H, Isaka Y. Retention of fetuin-A in renal tubular lumen protects the kidney from nephrocalcinosis in rats. *Am J Physiol Renal Physiol.* 2013; 304(6): F751-760. (3.612)
7. Ballak DB, van Essen P, van Diepen JA, Jansen H, Hijmans A, Matsuguchi T, Sparrer H, Tack CJ, Netea MG, Joosten LA, Stienstra R. MAP3K8 (TPL2/COT) affects obesity-induced adipose tissue inflammation without systemic effects in humans and in mice. *PLoS One.* 2014; 24;9(2):e89615. (3.730)
8. Li S, Sheng J, Hu JK, Yu W, Kishikawa H, Hu MG, Shima K, Wu D, Xu Z, Xin W, Sims KB, Landers JE, Brown RH Jr, Hu GF. Ribonuclease 4 protects neuron degeneration by promoting angiogenesis, neurogenesis, and neuronal survival under stress. *Angiogenesis.* 2013; 16(2): 387-404. (3.972)
9. Yamauchi M, Lochhead P, Imamura Y, Kuchiba A, Liao X, Qian ZR, Nishihara R, Morikawa T, Shima K, Wu K, Giovannucci E, Meyerhardt JA, Fuchs CS, Chan AT, Ogino S. Physical Activity, Tumor PTGS2 Expression, and Survival in Patients with Colorectal Cancer. *Cancer Epidemiol Biomarkers Prev.* 2013; 22(6): 1142-52. (4.559)
10. Nishihara R, Morikawa T, Kuchiba A, Lochhead P, Yamauchi M, Liao X, Imamura Y, Nosho K, Shima K, Kawachi I, Qian ZR, Fuchs CS, Chan AT, Giovannucci E, Ogino S. A Prospective Study of Duration of Smoking Cessation and Colorectal Cancer Risk by Epigenetics-related Tumor Classification. *Am J Epidemiol.* 2013; 178(1): 84-100. (4.780)
11. Kibe T, Fuchigami T, Kishida M, Iijima M, Ishihata K, Hijioka H, Miyawaki A, Semba I, Nakamura N, Kiyono T, Kishida S. A novel ameloblastoma cell line (AM-3) secretes MMP-9 in response to Wnt-3a and induces osteoclastogenesis. *Oral Surg Oral Med Oral Pathol Oral Radiol.* 2013; 115: 780-8. (1.495)
12. Kawada-Matsuo M, Yoshida Y, Zendo T, Nagao J, Oogai Y, Nakamura Y, Sonomoto K, Nakamura N, Komatsuzawa H. Three distinct two-component systems are involved in resistance to the class I bacteriocins, Nukacin ISK-1 and nisin A, in *Staphylococcus aureus*. *PLoS One.* 2013; 22:8(7): e69455. (3.730)
13. Kawada-Matsuo M, Oogai Y, Zendo T, Nagao J, Shibata Y, Yamashita Y, Ogura Y, Hayashi T, Sonomoto K, Komatsuzawa H. Involvement of the novel two-component NsrRS and LcrRS systems in distinct resistance pathways against nisin A and nukacin ISK-1 in *Streptococcus mutans*. *Appl Environ Microbiol.* 2013; 79(15): 4751-5. (3.678)
14. Kukita K, Kawada-Matsuo M, Oho T, Nagatomo M, Oogai Y, Hashimoto M, Suda Y, Tanaka T, Komatsuzawa H. *Staphylococcus aureus* SasA is responsible for binding to the salivary agglutinin gp340, derived from human saliva. *Infect Immun.* 2013; 81(6): 1870-9. (4.074)

15. Shimotahira N, Oogai Y, Kawada-Matsuo M, Yamada S, Fukutsuji K, Nagano K, Yoshimura F, Noguchi K, Komatsuzawa H. The surface layer of *Tannerella forsythia* contributes to serum resistance and oral bacterial coaggregation. *Infect Immun*. 2013; 81(4): 1198-206. (4.074)
16. Kittaka M, Shiba H, Kajiya M, Fujita T, Iwata T, Rathvisal K, Ouhara K, Takeda K, Fujita T, Komatsuzawa H, Kurihara H. The antimicrobial peptide LL37 promotes bone regeneration in a rat calvarial bone defect. *Peptides*. 2013; 46: 136-42. (2.522)
17. Kittaka M, Shiba H, Kajiya M, Ouhara K, Takeda K, Kanbara K, Fujita T, Kawaguchi H, Komatsuzawa H, Kurihara H. Antimicrobial peptide LL37 promotes vascular endothelial growth factor-A expression in human periodontal ligament cells. *J Periodontal Res*. 2013; 48(2): 228-34. (1.990)
18. Zulfiqar M, Yamaguchi T, Sato S, Oho T. Oral *Fusobacterium nucleatum* subsp. *polymorphum* binds to human salivary α -amylase. *Mol Oral Microbiol* 2013; 28: 425-434. (2.648)
19. Kukita K, Kawada-Matsuo M, Oho T, Nagatomo M, Oogai Y, Hashimoto M, Suda Y, Tanaka T, Komatsuzawa H. *Staphylococcus aureus* SasA is responsible for binding to salivary agglutinin, gp340, derived from human saliva. *Infect Immun* 2013; 81: 1870-1879. (4.074)
20. Sakaguchi K, Yagi T, Maeda A, Nagayama K, Uehara S, Saito Y, Kanematsu K, Miyawaki S. Association of problem behavior with sleep problem and gastroesophageal reflux symptoms. *Pediatr Int*. 2014 Feb; 56(1): 24-30. (0.875)
21. Yagi T, Asakawa A, Ueda H, Ikeda S, Miyawaki S, Inui A. The Role of Zinc in the Treatment of Taste Disorders. *Recent Pat Food Nutr Agric*. 2013 Apr; 5(1): 44-51.
22. Yagi T, Asakawa A, Ueda H, Miyawaki S, Inui A. The role of ghrelin in patients with functional dyspepsia and its potential clinical relevance (Review). *Int J Mol Med*. 2013 Sep; 32(3): 523-531. (1.957)
23. Ueda H, Yagi T, Amitani H, Asakawa A, Ikeda S, Miyawaki S, Inui A. The roles of salivary secretion, brain-gut peptides, and oral hygiene in obesity. *Obes Res Clin Pract*. 2013 Sep-Oct; 7(5): e321-329. (0.506)
24. Maeda A, Sakoguchi Y, Miyawaki S. Patient with oligodontia treated with a miniscrew for unilateral mesial movement of maxillary molars and alignment of an impacted third molar. *Am J Orthod Dentofacial Orthop* 2013 Sep; 144(3): 430-440. (1.458)
25. Kohjitani A, Miyawaki T, Miyawaki S, Nakamura N, Iwase Y, Nishihara K, Ohno S, Shimada M, Sugiyama K. Features of lateral cephalograms associated with difficult laryngoscopy in Japanese children undergoing oral and maxillofacial surgery. *Paediatr Anaesth*. 2013 Nov; 23(11): 994-1001. (2.436)
26. Iwasaki T, Yamasaki Y: Relation between maxillofacial form and respiratory disorders in children, *Sleep and Biological Rhythms*, 2014; 12: 2–11. (1.052)
27. Inada E, Saitoh I, Murakami D, Kubota N, Takemoto Y, Iwasaki T, Nakakura-Ohshima K, Hayasaki H, Yamasaki Y. Relationship between nasal and skeletal landmarks on lateral cephalograms of adults. *Australian Journal of Forensicscience* 2013 (accepted). (0.528)
28. Yamada-Ito C, Saitoh I, Yashiro K, Inada E, Maruyama T, Takada K, Iwasaki T, Hayasaki H, Yamasaki Y. Smoothness of Jaw Movement during Gum Chewing in Children with Primary Dentition. *Journal of Craniomandibular Practice* 2013; 31(4): 260-269. (1.111)
29. Sato M, Inada E, Saitoh I, Ohtsuka M, Nakamura S, Sakurai T, Watanabe S. Site-targeted non-viral gene delivery by direct DNA injection into the pancreatic parenchyma and subsequent *in vivo* electroporation in mice. *Biotechnology Journal* 2013; 8(11): 1355-1361. (3.446)
30. Kikuchi K, Tancharoen S, Ito T, Morimoto-Yamashita Y, Miura N, Kawahara K, Maruyama I, Murai Y, Tanaka. "Potential of the Angiotensin Receptor Blockers (ARBs) Telmisartan, Irbesartan, and Candesartan for Inhibiting the HMGB1/RAGE Axis in Prevention and Acute Treatment of Stroke." *Int. J. Mol. Sci*. 2013; 14(9): 18899-18924. (2.464)
31. Shirakata Y, Takeuchi N, Yoshimoto T, Taniyama K, Noguchi K. Effects of enamel matrix derivative and basic fibroblast growth factor with β -tricalcium phosphate on periodontal regeneration in 1-wall intrabony defects: An experimental study in dogs. *Int J Periodontics Restorative Dent* 2013; 33(5): 641-649. (1.081)

32. [Nakamura T](#), [Shinohara Y](#), [Momozaki S](#), [Yoshimoto T](#), [Noguchi K](#). Co-stimulation with bone morphogenetic protein-9 and FK506 induces remarkable osteoblastic differentiation in rat dedifferentiated fat cells. *Biochem Biophys Res Commun* 2013; 440(2): 289-294 (2.406)
33. [Shirakata Y](#), [Nakamura T](#), [Shinohara Y](#), [Taniyama K](#), [Sakoda K](#), [Yoshimoto T](#), [Noguchi K](#). An exploratory study on the efficacy of rat dedifferentiated fat cells (rDFATs) with a poly lactic-co-glycolic acid/hydroxylapatite (PLGA/HA) composite for bone formation in a rat calvarial defect model. *J Mater Sci Mater Med* 2014; 25(3): 899-908 (2.141)
34. [Irish J](#), [Virdi AS](#), [Sena K](#), [McNulty MA](#), [Sumner DR](#). Implant placement increases bone remodeling transiently in a rat model. *J Orthop Res* 2013; 31(5): 800-806 (2.875)
35. [Schwarz F](#), [Mihatovic I](#), [Shirakata Y](#), [Becker J](#), [Bosshardt D](#), [Sculean A](#). Treatment of soft tissue recessions at titanium implants using a resorbable collagen matrix. A pilot study. *Clin Oral Implants Res* 2014; 25(1): 110-115. (3.433)
36. [Shirakata Y](#), [Eliezer M](#), [Nemcovsky C](#), [Weinreb M](#), [Dard M](#), [Sculean A](#), [Bosshardt D](#), [Moses O](#). Periodontal healing after application of EMD in surgical supra-infrabony periodontal defects in rats with streptozotocin-induced diabetes. *J Periodontal Res* 2014; 49(1): 93-101. (1.99)
37. [Murahara S](#), [Minami H](#), [Suzuki S](#), [Sakoguchi K](#), [Shiomuki D](#), [Minesaki Y](#), [Tanaka T](#). Effect of adherend temperature on bond strengths of resin bonding systems to denture base resin and a semi-precious alloy. *Dental Materials Journal* 2013; 32: 341-348. (0.809)
38. [Sakoguchi K](#), [Minami H](#), [Suzuki S](#), [Tanaka T](#). Evaluation of fracture resistance of composite crowns by cyclic impact test: Influence of indirect composite and abutment material. *Dental Materials Journal* 2013; 32: 433-440. (0.809)
39. [Shiomuki D](#), [Minami H](#), [Suzuki S](#), [Tanaka T](#). The influence of light irradiation on polymerization degree of dual-cure cement beneath restorations by measuring Vickers hardness. *Dental Materials Journal*; 32: 449-455. (0.809)
40. [Tanoue N](#), [Matsuda Y](#), [Yanagida H](#), [Matsumura H](#), [Sawase T](#). Factors affecting the bond strength of denture base and reline acrylic resins to base metal materials. *J Appl Oral Sci* 2013; 21: 320-326 (0.797).
41. [Kanie T](#), [Kadokawa A](#), [Nagata M](#), [Arikawa H](#). A comparison of stress relaxation in temporary and permanent luting cements. *J Prosthodont Res* 2013; 57: 46-50.
42. [Kukita K](#), [Kawada-Matsuo M](#), [Oho T](#), [Nagatomo M](#), [Oogai Y](#), [Hashimoto M](#), [Suda Y](#), [Tanaka T](#), [Komatsuzawa H](#). *Staphylococcus aureus* SasA is responsible for binding to the salivary agglutinin gp340 derived from human saliva. *Infection and Immunity* 2013; 81: 1-10 (4.074).
43. [Murakami M](#), [Nishi Y](#), [Kamashita Y](#), [Nagaoka E](#). Dry mouth and denture plaque microflora in complete denture and palatal obturator prosthesis wearers. *Gerodontology* 2013; doi:10.1111/ger.12073. (1.828)
44. [Honda, KK](#), [Kawamoto T](#), [Ueda HR](#), [Nakashima A](#), [Ueshima T](#), [Yamada RG](#), [Nishimura M](#), [Oda R](#), [Nakamura S](#), [Kojima T](#), [Noshiro M](#), [Fujimoto K](#), [Hashimoto S](#), [Kato Y](#): Different Circadian Expression of Major Matrix-Related Genes in Various Types of Cartilage: Modulation by Light-Dark Conditions, *J Biochem.* 2013; 154(4): 373-381. (2.719)
45. [Mikami, S](#), [Nakashima A](#), [Nakagawa K](#), [Maruhashi T](#), [Iwamoto Y](#), [Kajikawa M](#), [Matsumoto T](#), [Kihara Y](#), [Chayama K](#), [Noma K](#), [Ochi M](#), [Nishimura M](#), [Tsuji K](#), [Kato Y](#), [Goto C](#), [Higashi Y](#): Autologous Bone-Marrow Mesenchymal Stem Cell Implantation and Endothelial Function in a Rabbit Ischemic Limb Model, *PLOSone* 2013; 8(7): e67739. (3.730)
46. [Kimori H](#), [Yamamoto K](#), [Yamachika S](#), [Tsurumoto A](#), [Kamikawa Y](#), [Sasao M](#), [Morito M](#), [Saito I](#), [Ohshima T](#), [Maeda N](#), [Nakagawa Y](#): Factors associated with the presence of atrophic tongue in patients with dry mouth. *Gerodontology* 2013 May 30. doi: 10.1111/ger.12045 (1.828)
47. [Kamikawa Y](#), [Mori Y](#), [Nagayama T](#), [Fujisaki J](#), [Hirabayashi D](#), [Sakamoto R](#), [Hamada T](#) and [Sugihara K](#): Frequency of clinically isolated strains of oral *Candida* species at Kagoshima University Hospital, Japan, and their susceptibility to antifungal drugs in 2006–2007 and 2012–2013, *BMC Oral Health* 2014; 14: 14. (1.339)
48. [Kibe T](#), [Fuchigami T](#), [Kishida M](#), [Iijima M](#), [Hijioka H](#), [Miyawaki A](#), [Senba I](#), [Kiyono T](#), [Nakamura N](#), [Kishida S](#). A novel ameloblastoma cell line (AM3) secretes MMP-9 in response to Wnt-3a and induces osteoclastogenesis. *Oral Surg Oral Med Oral Pathol Oral Radiol Endod* 2013; 115(6): 780-788. (1.495)
49. [Kume K](#), [Haraguchi M](#), [Hijioka H](#), [Ishida T](#), [Miyawaki A](#), [Nakamura N](#), [Ozawa M](#). The transcription factor Snail

- enhanced the degradation of E-cadherin and desmoglein-2. *Biochem Bioph Res Co* 2013; 430(3): 889-894. (2.406)
50. Ishida T, Hijioka H, Miyawaki A, Nakamura N. Notch signal induces EMT in oral squamous cell carcinoma under hypoxic environment. *Oncol Lett*. 2013; 6:1201-1206. (0.108)
 51. Matsunaga K, Mori K, Asamura S, Isogai N. Initial swallowing function in those undergoing subtotal mobile tongue component resection and reconstruction with a myocutaneous pectoralis major flap. *Acta Med Kinki Univ* 2013; 38(2): 1-5. (0.230)
 52. Nishihara K, Nozoe E, Maeda A, Hirahara N, Okawachi T, Miyawaki S, Nakamura N. Outcome following secondary autogenous bone grafting before and after canine eruption in patients with unilateral cleft lip and palate. *Cleft Palate-Craniofac J* 2014; 51(2): 165-171.(1.238)
 53. Sulaiman FK, I Haryanto IG, Hak S, Nakamura N, Sasaguri M, Ohishi M. 15-year follow-up results after presurgical orthopedics followed by primary correction for unilateral cleft lip nose in Program SEHAT, Indonesia. *Cleft Palate-Cran J* 2013; 50(2): 129-137. (1.238)
 54. Fuchigami T, Nakamura N, Nishihara K, Matsunaga K, Hasegawa H. Short-term molding effects on the upper alveolar arch following unilateral cleft lip repair with/without nasal vestibular expansion. *Cleft Palate-Cran J* in press.(1.238)
 55. Maeda A, Uehara S, Suga M, Nishihara K, Nakamura N, Miyawaki S. Changes in grafted autogenous bone during Edgewise treatment in patients with unilateral cleft lip/palate or alveolus. *Cleft Palate-Cran J* in press. (1.238)
 56. Kohjitani A, Miyawaki T, Miyawaki S, Nakamura N, Iwase Y, Nishihara K, Ohno S, Shimada M, Sugiyama K. Features of lateral cephalograms associated with difficult laryngoscopy in Japanese children undergoing oral and maxillofacial surgery. *Pediatr Anesth* . 2013; 23: 994-1001. (2.436)
 57. Nakao Y, Mitsuyasu T, Kawano S, Nakamura N, Kanda S, Nakamura S. Fibroblast growth factor-7 and -10 stimulate cell proliferation in ameloblastoma via mitogen-activated protein kinase pathway. *Int J Oncol* 2013; 43: 1377-1384. (2.657)
 58. Morotomi T, Matsunaga K, Kusuhara H, Itani Y, Nakao H, Asamura S, Isogai N. Long-term result of a biodegradable osteo-inductive copolymer for the treatment of orbital blowout fracture. *J Cranio Maxill Surg* 2013; e-pub. (1.610)
 59. Kawada-Matsuo M, Yoshida Y, Zendo T, Nagao J, Oogai Y, Nakamura Y, Sonomoto K, Nakamura N, Komatsuzawa H. Three distinct two-component systems are involved in the resistance to class I bacteriocins, nisin A, and nukacin ISK-1 in *Staphylococcus aureus*. *Plos One* 2013; 8(7) 1-10, e69455. (3.730)
 60. Habu M, Koyama H, Kishida M, Kamino M, Iijima M, Fuchigami T, Tokimura H, Ueda M, Tokudome M, Koriyama C, Hirano H, Arita K, Kishida S. Ryk is essential for Wnt-5a-dependent invasiveness in human glioma. *J. Biochem.* 2014; 1-10. (2.719)
 61. Suzuki H, Asakawa A, Amiani H, Fujitsuka N, Nakamura N, Inui A. Cancer cachexia pathophysiology and translational aspect of herbal medicine. *Jpn J Clin Oncol* 2013; 43:695–705. (1.898)
 62. Suzuki H, Asanuma A, Amitani H, Nakamura N, Inui A. Cancer cachexia-pathophysiology and management. *J Gastroenterol* 2013; 48(5): 574–594. (3.788)
 63. Suzuki H, Asanuma A, Amitani H, Nakamura N, Inui A. Ghrelin and cachexia in chronic kidney disease. *Pediatr Nephrol* 2013 ; 28:521–526. (2.939)
 64. Nakanishi-Ueda T, Majima HJ, Watanabe K, Ueda T, Indo HP, Suenaga S, Hisamitsu T, Ozawa T, Yasuhara H, Koide R. Blue LED light exposure develops intracellular reactive oxygen species, lipid peroxidation, and subsequent cellular injuries in cultured bovine retinal pigment epithelial cells. *Free Radic Res* 2013; 47: 774-780. (3.279)
 65. Tamura M, Matsui H, Tomita T, Sadakata H, Indo HP, Majima HJ, Kaneko T, Hyodo I. Mitochondrial reactive oxygen species accelerate gastric cancer cell invasion. *J Clin Biochem Nutr.* 2014; 54: 12-17. (2.245)
 66. Ito H, Tamura M, Matsui H, Majima HJ, Indo HP, Hyodo I. Reactive oxygen species involved cancer cellular specific 5-aminolevulinic acid uptake in gastric epithelial cells. *J Clin Biochem Nutr.* 2014; 54: 81-85. (2.245)
 67. Kohjitani A, Miyata M, Iwase Y, Ohno S, Tohya A, Manabe Y, Hashiguchi T, Sugiyama K. Associations between the autonomic nervous system and the second derivative of the finger photoplethysmogram indices. *J Atheroscler Thromb*

2014 (in press) . (2.933)

68. Sugiyama K, Manabe Y, Kohjitani A. A styletless tracheal tube with a posterior-facing bevel reduces epistaxis during nasal intubation: a randomized trial. *Can J Anaesth* 2014; 61: 417-22. (2.306)
69. Kohjitani A, Miyawaki T, Miyawaki S, Nakamura N, Iwase Y, Nishihara K, Ohno S, Shimada M, Sugiyama K. Features of lateral cephalograms associated with difficult laryngoscopy in Japanese children undergoing oral and maxillofacial surgery. *Pediatr Anesth* 2013; 23: 994-1001. (2.436)
70. Ouchi K, Koga Y, Nakao S, Sugiyama K. Dexmedetomidine dose-dependently enhances local anesthetic action of lidocaine. *J Oral Maxillofac Surg* 2014; 72: 474-80. (1.333)
71. Ouchi K, Sekine J, Koga Y, Nakao S, Sugiyama K. Establishment of an animal model of sedation using epidural anesthesia that uses the tail-flick test for evaluating local anesthetic effects in rats. *Exp Anim* 2013; 62: 137-44. (1.456)
72. Kuramoto E, Ohno S, Furuta T, Unzai T, Tanaka YR, Hioki H, Kaneko T. Ventral medial nucleus neurons send thalamocortical afferents more widely and more preferentially to layer 1 than neurons of the ventral anterior-ventral lateral nuclear complex in the rat. *Cereb Cortex* 2014 (in press). (6.828)
73. Tomoyasu Y, Higuchi H, Mori M, Takaya K, Honda Y, Yamane A, Yabuki A, Hayashi T, Ishii-Maruhama M, Jinzenji A, Maeda S, Kohjitani A, Shimada M, Miyawaki T. Chronic orofacial pain in dental patients: retrospective investigation over 12 years. *Acta Medica Okayama* 2014 (in press) . (0.652)