



<論文>

口腔病原微生物学分野

1. Naito M, Sato K, Shoji M, Yukitake H, Ogura Y, Hayashi T and Nakayama K : Characterisation of the *Porphyromonas gingivalis* conjugative transposon CTnPg1: determination of the integration site and the genes essential for conjugal transfer. *Microbiology-SGM*, 157 (7) :2022-2032, 2011.
2. Shoji M, Sato K, Yukitake H, Kondo Y, Narita Y, Kadowaki T, Naito M, and Nakayama K. : Por secretion system-dependent secretion and glycosylation of *Porphyromonas gingivalis* hemin-binding protein 35. *PLoS One*, 6(6) :e21372, 2011.
3. Sakai E, Shimada-Sugawara M, Nishishita K, Fukuma Y, Naito M, Okamoto K, Nakayama K and Tsukuba T : Suppression of RANKL-dependent heme oxygenase-1 is required for high mobility group box 1 release and osteoclastogenesis. *J. Cell. Biochem.* 113 (2) :486-498, 2012.

口腔病態薬理学分野

1. Kawakubo T, Yasukochi A, Okamoto K, Okamoto Y, Nakamura S, Yamamoto K: The role of cathepsin E in terminal differentiation of keratinocytes. *Biol. Chem.* 392(6) : 571-585, 2011.
2. Yamamoto K, Kawakubo T, Yasukochi A, Tsukuba T. : Emerging roles of cathepsin E in host defense mechanisms. *Biochim Biophys Acta.* 1824 (1), 105-112, 2012.
3. Sakai E, Shimada-Sugawara M, Nishishita K, Fukuma Y, Naito M, Okamoto K, Nakayama K, Tsukuba T: Suppression of RANKL-dependent heme oxygenase-1 is required for high mobility group box 1 release and osteoclastogenesis. *J. Cell. Biochem.* 113(2) :486-98, 2012.
4. Tsukuba T., Okamoto K., and Yamamoto K. : Cathepsin E is critical for proper trafficking of cell surface proteins *J Oral Biosci.* 54 (1), 48-53, 2012.
5. Okamoto K, Okamoto Y, Kawakubo T, Iwata J, Yasuda Y, Tsukuba T, Yamamoto K: Role of the transcription factor Sp1 in regulating the expression of the murine cathepsin E gene. *J. Biochem.* 151(3) :263-272, 2012.
6. Fumimoto R, Sakai E, Yamaguchi Y, Sakamoto H, Fukuma Y, Nishishita K, Okamoto K, Tsukuba T: The Coffee Diterpene Kahweol Prevents Osteoclastogenesis via Impairment of NFATc1 Expression and Blocking of Erk Phosphorylation. *J. Pharmacol. Sci.*, 118(4) : 479-486, 2012.

### 口腔保健学分野

1. Kawashita Y, Fukuda H, Kawasaki K, Kitamura M, Hayashida H, Furugen R, Fukumoto E, Iijima Y, and Saito T. : Pediatrician-recommended use of sports drinks and dental caries in 3-year-old children. *Community Dent Health*. 28(1):29-33, 2011.
2. Furugen R, Hayashida H, Yoshii Y, and Saito T. : Neutrophil-derived resistin release induced by *Aggregatibacter actinomycetemcomitans*. *FEMS Microbiol Lett*. 321(2):175-82, 2011.

### 歯周病学分野

1. Yokoyama M, Ukai T, Ayon Haro ER, Kishimoto T, Yoshinaga Y, Hara Y: Membrane-bound CD40 Ligand on T cells from mice injected with lipopolysaccharide (LPS) accelerates LPS-induced osteoclastogenesis. *J Periodontal Res*, 46(4): 464-474, 2011
2. 金子高士 : 歯周組織破壊に導く歯周病原細菌—宿主間相互作用の解明. *日歯周誌* 53 (1): 3-12, 2011
3. 鵜飼 孝, 横山美穂, 岸本隆明, 吉永泰周, 市村育久, 押野一志, 原 宜興: エピガロカテキングレートが破骨細胞形成に及ぼす影響. *日誌保存誌* 54(6): 375-383, 2011

### 小児歯科学分野

1. Mamoru Kawaguchi, Tomonori Hoshino\*, Takashi Ooshima, Taku Fujiwara. Establishment of *Streptococcus mutans* in infants induces decrease in the proportion of salivary  $\alpha$ -haemolytic bacteria. *International Journal of Paediatric Dentistry* 22(2): 134-145, 2012.
2. H Yonezawa, S Yanamoto, T Hoshino, SI Yamada, T Fujiwara, M Umeda. Management of maxillary alveolar bone fracture and severely intruded maxillary central incisor: report of a case. *Dental Traumatology*, Online press, DOI: 10.1111/j.1600-9657.2011.01111.x, 2012
3. Tomonori Hoshino\*, Yoshio Kondo, Kan Saito, Yutaka Terao, Nobuo Okahashi, Shigetada Kawabata, Taku Fujiwara. Novel Epitopic Region of Glucosyltransferase B from *Streptococcus mutans*. *Clinical and Vaccine Immunology* 18 (9), 1552-1561, 2011.
4. Yusuke Takahashi, Akihiro Yoshida, Emi Nagata, Tomonori Hoshino, Takahiko Oho, Shuji Awano, Tadamichi Takehara, Toshihiro Ansai. *Streptococcus anginosus* I - cysteine desulphhydrase gene expression is associated with abscess formation in BALB/c mice. *Molecular Oral Microbiology* 26 (3), 221-227, 2011.

<受賞など特記すべき事柄>

1. 口腔病原微生物学分野の庄子幹郎助教は、「ポルフィロモナス・ジンジバリスの表面蛋白質の輸送と局在化に関する研究」により、日本細菌学会黒屋奨学賞を受賞しました。同賞は、細菌学及び関連領域において、新しい着想や未開発の分野の研究を展開しつつあり、独自性の高い研究の創成が期待される40歳未満の新進気鋭の研究者を対象に授与されるものです。なお、受賞式は第85回日本細菌学会総会（長崎ブリックホール・長崎市・平成24年3月）において行われました。