



## 2012年度「口腔環境制御研究」報告：鹿児島大学歯学部

### <論文>

1. Kitada, K., and Oho, T. Effect of saliva viscosity on the coaggregation between oral streptococci and *Actinomyces naeslundii*. *Gerodontol.* 29: e981–987, 2012.
2. de Toledo, A., Nagata, E., Yoshida, Y., and Oho, T. *Streptococcus oralis* coaggregation receptor polysaccharides induce inflammatory responses in human aortic endothelial cells. *Mol. Oral Microbiol.* 27: 295–307, 2012.
3. Soutome, S., Kajiwara, K., and Oho T. Combined use of self-efficacy scale for oral health behaviour and oral health questionnaire: a pilot study. *Health Educ. J.* 71: 576–589, 2012.
4. Ohno S, Kuramoto E, Furuta T, Hioki H, Tanaka YR, Fujiyama F, Sonomura T, Uemura M, Sugiyama K and Kaneko T. A morphological analysis of thalamocortical axon fibers of rat posterior thalamic nuclei: A single neuron tracing study with viral vectors. *Cerebral Cortex* 22(12): 2840–2857, 2012.
5. Fujishima K, Kawada-Matsuo M, Oogai Y, Tokuda M, Torii M, Komatsuzawa H. *dpr* and *sod* in *Streptococcus mutans* are involved in coexistence with *S. sanguinis*, and *PerR* is associated with resistance to H2O2. *Appl Environ Microbiol.* 79(5):1436–43, 2013.
6. Kawada-Matsuo M, Mazda Y, Oogai Y, Kajiya M, Kawai T, Yamada S, Miyawaki S, Oho T, Komatsuzawa H. *GlmS* and *NagB* regulate amino sugar metabolism in opposing directions and affect *Streptococcus mutans* virulence. *PLoS One.* 7(3):e33382, 2012.
7. Mazda Y, Kawada-Matsuo M, Kanbara K, Oogai Y, Shibata Y, Yamashita Y, Miyawaki S, Komatsuzawa H. Association of *CiaRH* with resistance of *Streptococcus mutans* to antimicrobial peptides in biofilms. *Mol Oral Microbiol.* 27(2):124–35, 2012.
8. Shimotahira N, Oogai Y, Kawada-Matsuo M, Yamada S, Fukutsuji K, Nagano K, Yoshimura F, Noguchi K, Komatsuzawa H. The S-layer of *Tannarella forsythia* contributes to serum resistance and oral bacterial co-aggregation. *Infect Immun.* In press, 2013

### <受賞など特記すべき事柄>

- 1) 日本口腔衛生学会論文奨励賞（2012年5月）

de Toledo, A., Kitada, K., Yamaguchi T., and Oho, T.: Adherence of oral opportunistic bacteria to endotracheal tubes and cuffs. *J. Dent. Hlth.*, 61: 57–64, 2011.