

歯周病学講座
(Department of Periodontology)

教育研究原著論文

1) 印刷公表

1. Li R, Kato H, Taguchi Y, Umeda M. Intracellular glucose starvation affects gingival homeostasis and autophagy. *Sci Rep* 2022;**12(1230)**:doi 10.1038/s41598-022-05398-2.
2. Yamauchi N, Minagawa E, Imai K, Kobuchi K, Li R, Taguchi Y, Umeda M. High-intensity red light-emitting diode irradiation suppresses the inflammatory response of human periodontal ligament stem cells by promoting intracellular ATP synthesis. *Life* 2022;**12(5)**: doi 10.3390/life12050736.
3. Li R, Kato H, Taguchi Y, Deng X, Minagawa E, Nakata T, Umeda M. Glucose starvation-caused oxidative stress induces inflammation and autophagy in human gingival fibroblasts. *Antioxidants* 2022;**11(10)**:doi 10.3390/antiox11101907.
4. Nakano Y, Kato H, Taguchi Y, Imai K, Nakata T, Tominaga K, Umeda M. Effects of amelogenin peptide derived from enamel matrix derivative on human dental pulp stem cells. *J Osaka Dent Univ* 2022;**56(2)**:197-201.
5. Taguchi R, Kato H, Shida M, Umeda M, Maeda H. High-power light emitting diode irradiation promotes hard tissue differentiation of human dental pulp stem cells. *J Osaka Dent Univ* 2022;**56(2)**:203-208.

臨床症例報告

1) 印刷公表

1. 山内 伸浩, 皆川 咲佳, 田口 洋一郎, 梅田 誠. 歯間乳頭の大きさを考慮して歯肉退縮にトンネル形成術で対応した1症例. *日本歯周病学会会誌* 2022;**64(4)**:182-191.

総説

1. 東 仁, 田口 洋一郎, 嘉藤 弘仁, 緒方 智壽子, 津守 紀昌, 山脇 勲, 山内 伸浩, 今井 一貴, 梅田 誠. 低侵襲の歯周組織再生療法に向けた再考と展望. *日本歯周病学会会誌* 2022;**64(1)**:17-24.
2. Iwasaki K, Peng Y, Kanda R, Umeda M, Ishikawa I*. Stem cell transplantation and cell-free treatment for periodontal regeneration. *Int J Mol Sci* 2022;**23(3)**:doi 10.3390/ijms23031011.