解剖学講座発生生物･再生医学分野

氏名	所属	職名	取得学位	専門分野	主な論文・著作・業績
原田　英光	解剖学講座発生生物･再生医学分野	教授	博士（歯学）	口腔解剖学(組織学・発生学）・再生歯学	①Yokohama-Tamaki T, Otsu K, Harada H, Shibata S, Obara N, Irie K, Taniguchi A, Nagasawa T, Aoki K, Caliari SR, Weisgerber DW, Harley BA. CXCR4/CXCL12 signaling impacts enamel progenitor cell proliferation and motility in the dental stem cell niche. 2015 e-pub ②Masuda T, Otsu K, Kumakami-Sakano M, Fujiwara N, Ema M, Hitomi J, Sugiyama Y, Harada H. Combined Administration of BMP-2 and HGF Facilitate Bone Regeneration through Angiogenic Mechanisms. Journal of Hard Tissue Biology, 2015 24[1] 7-16 ③Harada H, Kumakami-Sakano M, Fujiwara N, Otsu K. Live imaging to elucidate cell dynamics in tooth organogenesis and regeneration. J Oral Biosci. 2015 57, 65-68 ④ Mitsiadis TA, Harada H. Regenerated teeth: the future of tooth replacement. An update. Thimios A Mitsiadis and Hidemitsu Harada. Regenerative Medicine, 2015, 10(1), 5-8. ⑤Kumakami-Sakano M, Otsu K, Fujiwara N, Harada H. Regulatory mechanisms of Hertwig's epithelial root sheath formation and anomaly correlated with root length. Exp Cell Res. 2014 Jul 15;325(2):78-82 Review
藤原　尚樹	解剖学講座発生生物･再生医学分野	准教授	博士（歯学）	口腔解剖学(組織学・発生学）・再生歯学	①Otsu K., Kumakami-Sakano M., Fujiwara N., Kikuchi K., Keller L., Lesot H., Harada H.: Stem cell sources for tooth regeneration: current status and future prospects. Frontiers in physiol. 5:36 (2014) ②Kumakami-Sakano M., Otsu K., Fujiwara N., Harada H.: Regulatory mechanisms of Hertwig's epithelial root sheath formation and anomaly correlated with root length. Exp. Cell Res. 325(2): 78-82 (2014) ③Otsu K.,Sakano, M., Masuda T., Fujiwara N.,and Harada, H. The role of Rho-kinases in ameloblast differentiation. Journal of Oral Biosciences. 55(4):191-199. 2013(Review) ④Sakano M, Otsu K, Fujiwara N, Fukumoto S, Yamada A, Harada H: Cell dynamics in cervical loop epithelium during transition from crown to root: implications for Hertwig's epithelial root sheath formation.J. Period. Res. 48:262-26 (2013) ⑤Fujiwara, N., Akimoto, T., Kagiya, T., Ishizeki, K., Harada, H.: Egf signaling regulates transition from crown to root formation in the development of mouse molars. J. Exp. Zool. Mol. Dev. Evol. 312B:486-494 (2009)
大津　圭史	解剖学講座発生生物･再生医学分野	講師	博士（歯学）	組織学・口腔組織学・発生学・再生歯学	①Otsu K, Kumakami-Sakano M, Fujiwara N, Kikuchi K, Keller L, Lesot H, Harada H.Stem cell sources for tooth regeneration: Current status and future prospects. Frontiers in Physiology 5: 36. 2014 (Review) ②Otsu K.,Sakano, M., Masuda T., Fujiwara N.,and Harada, H. The role of Rho-kinases in ameloblast differentiation. Journal of Oral Biosciences. 55(4):191-199. 2013(Review) ③Otsu K, Kishigami R, Oikawa-Sasaki A, Fukumoto S, Yamada A, Fujiwara N, Ishizeki K, Harada H. Differentiation of induced pluripotent stem cells into dental mesenchymal cells. Stem Cells Dev. 21(7):1156-64.(2012) ④Otsu K., Kishigami, R., Fujiwara, N., Ishizeki, K., Harada, H.: Functional role of Rho-kinase in ameloblast differentiation. J. Cell. Physiol. 226:2527-2534. (2011) ⑤Otsu K Das S, Houser SD, Quadri SK, Bhattacharya S, Bhattacharya J. Blood. 113(18):4197-205. (2009)