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	①Li Zheng , Yoon Ji Seon , Marcio A. Mourão , Santiago Schnell, Doohak Kim , Hidemitsu Harada, Silvana Papagerakis, Petros Papagerakis P. Circadian Rhythms Regulate Amelogenesis. Bone. in press ②Sakano 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) ③Chavez MG, Yu W, Biehs B, Harada H, Snead ML, Klein OD. Characterization of Dental Epithelial Stem Cells from the Mouse Incisor with 2D and 3D Platforms. Tissue Eng. Part C Methods.19(1):15-24 (2013) ④Ida-Yonemochi, H., Nakatomi, M., Harada, H., Takata, H., Baba, O., Ohshima, H.: Glucose uptake mediated by glucose transporter 1 is essential for early tooth morphogenesis and size determination of murine molars. Dev. Biol. 363(1):52-61 (2012) ⑤Otsu 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.1;21(7):1156-64 (2012)
藤原　尚樹	解剖学講座発生生物･再生医学分野	講師	博士（歯学）	口腔解剖学(組織学・発生学）・再生歯学	①Sakano 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) ②*Sakuraba H, *Fujiwara N, Sasaki-Oikawa A, Sakano M, Otsu K, Ishizeki K, Harada H:Hepatocyte growth factor stimulates root growth during the development of mouse molar teeth.J. Period. Res. 47:81-88 (2011) *:equal contribution ③*Akimoto T, *Fujiwara N, Kagiya T, Otsu K, Ishizeki K, Harada H: Establishment of Hertwig's epithelial root sheath cell line from cells involved in epithelial-mesenchymal transition.Biochem. Biophys. Res. Commun. 404(1):308-312 (2011) *:equal contribution 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) 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)

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氏名	所属	職名	取得学位	専門分野	主な論文・著作・業績
大津　圭史	解剖学講座発生生物･再生医学分野	助教	博士（歯学）	組織学・口腔組織学・発生学・再生歯学	①Sakano 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.48:262-267.(2013) ②Otsu K, Fujiwara N, Harada H, Organ cultures and kidney-capsule grafting of tooth germs. Methods Mol. Biol. 887:59-67. (2012) 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)