

解剖学講座発生物・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	<p>①Arakaki M, Ishikawa M, Nakamura T, Iwamoto T, Yamada A, Fukumoto E, Saito M, Otsu K, Harada H, Yamada Y, Fukumoto S. Role of epithelial-stem cell interactions during dental cell differentiation. J Biol Chem. 2012 Feb 1. [Epub ahead of print]</p> <p>②Chavez 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. 2012</p> <p>③Kurosaka H., Isu N., Kuremoto K., Hayano S., Kawanabe N., Rice D.P.C., Harada H., Ornitz DM., Taniuchi I., Yamashiro T.: Core binding factor beta (Cbfb) function in the maintenance of stem cells and also orchestrate continuous proliferation and differentiation in developing tooth incisors. Stem Cell (2011 in press)</p> <p>④Otsu 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. 2012 May 1;21(7):1156-64. Epub 2011 Dec 23</p> <p>⑤Ida-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)</p>
藤原 尚樹	解剖学講座発生物・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	<p>①Otsu 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. 2012 May 1;21(7):1156-64. Epub 2011 Dec 23</p> <p>②Sakuraba 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)</p> <p>③Akimoto 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), e-pub, 2010 Dec 3.</p> <p>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)</p> <p>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. Journal of Experimental Zoology - Molecular and Developmental Evolution, 312B:486-494 (2009) Dec. 17 2008, e-Pub.</p>

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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	<p>①Otsu 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. 2012, 21(7),1156-64.</p> <p>②Otsu K, Fujiwara N, Harada H, Organ cultures and kidney-capsule grafting of tooth germs. Methods Mol Biol. 2012, 887, 59-67</p> <p>③Arakaki M, Ishikawa M, Nakamura T, Iwamoto T, Yamada A, Fukumoto E, Saito M, Otsu K, Harada H, Yamada Y, Fukumoto S. Role of epithelial-stem cell interactions during dental cell differentiation. J Biol Chem. 2012, 287(13), 10590-601</p> <p>④Otsu K., Kishigami, R., Fujiwara, N., Ishizeki, K., Harada, H.: Functional role of Rho-kinase in ameloblast differentiation. J Cell Physiol,2011, 226, 2527-2534</p> <p>⑤Otsu K Das S, Houser SD, Quadri SK, Bhattacharya S, Bhattacharya J. Blood. 2009, 113(18), 4197-205</p>