

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）	口腔再生医学および歯科医用工学関連 常態系口腔科学関連	<p>①Kim EJ, Yoon KS, Arakaki M, Otsu K, Fukumoto S, Harada H, Green DW, Lee JM, Jung HS : Effective differentiation of induced pluripotent stem cells into dental cells. Developmental Dynamics. in press (2018)</p> <p>②Kikuchi K, Masuda T, Fujiwara N, Kuji A, Miura H, Jung HS, Harada H, Otsu K. Craniofacial Bone Regeneration using iPS Cell-Derived Neural Crest Like Cells. Journal of Hard Tissue Biology 27(1) 1-10 (2018)</p> <p>③Itaya S, Oka K, Ogata K, Tamura S, Kira-Tatsuoka M, Fujiwara N, Otsu K, Tsuruga E, Ozaki M, Harada H. Hertwig' s epithelial root sheath cells contribute to formation of periodontal ligament through epithelial-mesenchymal transition by TGF-<math>\beta</math>. Biomedical Research 38(1) 61-69 (2017)</p> <p>④ Rácz R, Földes A, Bori E, Zsembery Á, Harada H, Steward MC, DenBesten P, Bronckers ALJJ, Gerber G, Varga G. No change in bicarbonate transport but tight-junction formation is delayed by fluoride in a novel ameloblast model. Front Physiol. 2017 Dec 6;8:940.</p> <p>⑤Kim EJ, Yoon KS, Arakaki M, Otsu K, Fukumoto S, Harada H, Green DW, Lee JM, Jung HS. Effective differentiation of induced pluripotent stem cells into dental cells. Dev Dyn. in press(2018).</p>
大津 圭史	解剖学講座発生物・再生医学分野	准教授	博士（歯学）	口腔再生医学および歯科医用工学関連 常態系口腔科学関連	<p>①Kim EJ, Yoon KS, Arakaki M, Otsu K, Fukumoto S, Harada H, Green DW, Lee JM, Jung HS : Effective differentiation of induced pluripotent stem cells into dental cells. Developmental Dynamics. in press (2018)</p> <p>②Fujiwara N, Lee JW, Kumakami-Sakano M, Otsu K, Woo JT, Iseki S, Ota M. Harmine promotes molar root development via SMAD1/5/8 phosphorylation. Biochemical and Biophysical Research Communications 497(3) 924-929 (2018)</p> <p>③Kikuchi K, Masuda T, Fujiwara N, Kuji A, Miura H, Jung HS, Harada H, Otsu K. Craniofacial Bone Regeneration using iPS Cell-Derived Neural Crest Like Cells. Journal of Hard Tissue Biology 27(1) 1-10 (2018)</p> <p>④Itaya S, Oka K, Ogata K, Tamura S, Kira-Tatsuoka M, Fujiwara N, Otsu K, Tsuruga E, Ozaki M, Harada H. Hertwig' s epithelial root sheath cells contribute to formation of periodontal ligament through epithelial-mesenchymal transition by TGF-<math>\beta</math>. Biomedical Research 38(1) 61-69 (2017)</p> <p>⑤Otsu K, Ida-Yonemochi H, Fujiwara N, Harada H. The Semaphorin 4D-RhoA-Akt signal cascade regulates enamel matrix secretion in coordination with cell polarization during ameloblast differentiation. Journal of Bone and Mineral Research 31(11) 1943-1954 (2016)</p>