

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）	形態系基礎歯科学 口腔解剖学・再生歯学	<p>①Togo Y, Takahashi K, Saito K, Kiso H, Tsukamoto H, Huang B, Yanagita M, Sugai M, Harada H, Komori T, Shimizu A, MacDougall M, Bessho K. Antagonistic Functions of USAG-1 and RUNX2 during Tooth Development. PLoS One. 11(8) (2016)</p> <p>②Otsu 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. J Bone Miner Res. in press (2016)</p> <p>③Ida-Yonemochi H, Otsu K, Ohshima H, Harada H. The glycogen metabolism via Akt signaling is important for the secretion of enamel matrix in tooth development. Mech Dev. 139 18-30 (2016)</p> <p>④ Lee MJ, Kim EJ, Otsu K, Harada H, Jung HS. Sox2 contributes to tooth development via Wnt signaling. Cell Tissue Res. 365(1):77-84. (2016) Epub (2016)</p> <p>⑤Bori, E, Guo J, Rácz R, Burghardt B, Földes A, Kerémi B, Harada H, Steward MC, DenBesten P, Antonius LJJ Bronckers ALJJ, Varga G. Evidence for bicarbonate secretion by ameloblasts in a novel cellular model. J Dent Res. 95(5):588-96 (2016)</p>
藤原 尚樹	解剖学講座発生物・再生医学分野	准教授	博士（歯学）	形態系基礎歯科学 口腔解剖学・再生歯学	<p>①Otsu 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. in press (2016).</p> <p>②藤原尚樹, 熊上深香, 大津圭史, 原田英光: Hertwig上皮鞘の特性と発達に関わる因子. 岩医大歯誌, 41, 1-9 2016 (Review)</p> <p>③Masuda 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. (*equal contribution). Journal of Hard Tissue Biology. 24(1), 7-16, (2015).</p> <p>④Kumakami-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)</p> <p>⑤Sakano 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)</p>

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大津 圭史	解剖学講座発生物・再生医学分野	講師	博士（歯学）	形態系基礎歯科学 口腔解剖学・再生歯学	<p>①Otsu 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. in press (2016).</p> <p>②Otsu K, Harada H.:Rho GTPases in ameloblast differentiation. Japanese Dental Science Review. 52(2), 32-40, (2016).</p> <p>③Lee MJ, Kim EJ, Otsu K, Harada H, Jung HS.:Sox2 contributes to tooth development via WNT signaling. Cell & Tissue Research. 365, 77-84, (2016)</p> <p>④Ida-Yonemochi H, Otsu K, Ohshima H, Harada H.:The glycogen metabolism via Akt signalling is important for the secretion of enamel matrix in tooth development. Mechanisms of Development.139, 18-30, (2016)</p> <p>⑤Masuda 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. 24(1), 7-16, (2015). (*equal contribution).</p>