

ARD-SET 使用論文

- 1) Noguchi T., Progranulin plays crucial roles in preserving bone mass by inhibiting TNF- α -induced osteoclastogenesis and promoting osteoblastic differentiation in mice. *Biochem Biophys Res Commun.* 2015, 465:638-43. PMID: 26297947
- 2) Suzuki H., Gene targeting of the transcription factor Mohawk in rats causes heterotopic ossification of Achilles tendon via failed tenogenesis. *Proc Natl Acad Sci U S A*, 2016, 113:7840-5. PMID: 27370800
- 3) Murakami T., Isolation and characterization of lymphoid enhancer factor-1-positive deciduous dental pulp stem-like cells after transfection with a piggyBac vector containing LEF1 promoter-driven selection markers. *Arch Oral Biol.* 2017, 81:110-120. PMID: 28500952
- 4) Furuya M., Evaluation on Cytotoxicity of Natural Rubber Latex Nanoparticles. *e- Journal of Soft Materials*, 2017, 12:1–10.
- 5) Sugimoto A., Piezo type mechanosensitive ion channel component 1 functions as a regulator of the cell fate determination of mesenchymal stem cells. *Sci Rep.* 2017, 7:17696. PMID: 29255201
- 6) Okamoto M., Dentinogenic effects of extracted dentin matrix components digested with matrix metalloproteinases. *Sci Rep.* 2018, 8:10690. PMID: 30013085
- 7) Ali M., Lithium-containing surface pre-reacted glass fillers enhance hDPSC functions and induce reparative dentin formation in a rat pulp capping model through activation of Wnt/ β -catenin signaling. *Acta Biomater.* 2019, 96:594-604. PMID: 31212112
- 8) Siddiqui YD., Resolvin D2 Induces Resolution of Periapical Inflammation and Promotes Healing of Periapical Lesions in Rat Periapical Periodontitis. *Front Immunol.* 2019, 10:307. PMID: 30863409
- 9) Komichi S., Protein S100-A7 Derived from Digested Dentin Is a Critical Molecule for

Dentin Pulp Regeneration. *Cell*, 2019, 8:1002. PMID: 31470634

- 10) Miyazaki A., Coordination of WNT signaling and ciliogenesis during odontogenesis by piezo type mechanosensitive ion channel component 1. *Sci Rep*. 2019, 9:14762. PMID: 31611621
- 11) Lin W., The role of osteomodulin on osteo/odontogenic differentiation in human dental pulp stem cells. *BMC Oral Health*, 2019, 19(1):22. PMID: 30670012
- 12) Kobatake R., Comparative Study of Surface Modification Treatment for Porous Titanium. *J Oral Maxillofac Res*. 2020, 11(2): e5. PMID: 32760478
- 13) Umehara H., Development of a novel bioactive titanium membrane with alkali treatment for bone regeneration. *Dent Mater J*, 2020, 39(5):877-882. PMID: 32448849
- 14) Hoshikawa S., Phosphorylation-dependent osterix degradation negatively regulates osteoblast differentiation. *FASEB J*. 2020 34(11):14930-14945. PMID: 32931083
- 15) Yoshida, K., Direct reprogramming of epithelial cell rests of malassez into mesenchymal-like cells by epigenetic agents. *Sci Rep*, 2021, 11(1):1852. PMID: 33473142
- 16) Zang L., 10-Gingerol Suppresses Osteoclastogenesis in RAW264.7 Cells and Zebrafish Osteoporotic Scales. *Front. Cell Dev. Biol.*, 03 March 2021. PMID: 33748100
- 17) Moritomo A., SLPI is a critical mediator that controls PTH-induced bone formation. *Nat Commun*. 2021; 12: 2136. PMID: 33837198
- 18) Kato K., Effect of Azithromycin on Mineralized Nodule Formation in MC3T3-E1 Cells. *Curr Issues Mol Biol*, 2021, 43(3):1451-1459. PMID: 34698079
- 19) Sasaki N., Cell Surface and Functional Features of Cortical Bone Stem Cells. *Int J Mol Sci*, 2021, 22(21):11849. PMID: 34769279

- 20) Yanagisawa T., Glycosaminoglycans promote osteogenesis from human induced pluripotent stem cells via neural crest induction. *Biochem Biophys Res Commun.*, 2022, 603:49-56. PMID: 35278879
- 21) Islam ST., Analysis of the cells isolated from epithelial cell rests of Malassez through single-cell limiting dilution. *Sci Rep*, 2022, 12(1):382. PMID: 35013397
- 22) Sasaki Y., Inhibition of Poly (ADP-Ribose) Glycohydrolase Accelerates Osteoblast Differentiation in Preosteoblastic MC3T3-E1 Cells. *Int J Mol Sci*, 2022, 23(9):5041. PMID: 35563432
- 23) Ukon Y., Prostaglandin EP4 Selective Agonist AKDS001 Enhances New Bone Formation by Minimodeling in a Rat Heterotopic Xenograft Model of Human Bone. *Front Bioeng Biotechnol*, 2022, 10:845716. PMID: 35372320
- 24) Shirawachi S., Oxidative stress impairs the calcification ability of human dental pulp cells. *BMC Oral Health*. 2022, 22(1):437. PMID: 36192671
- 25) Koyaxagi M., Regenerative Potential of Solid Bone Marrow Aspirate Concentrate Compared with Platelet-Rich Fibrin. *Tissue Eng Part A*, 2022, 28(17-18):749-759. PMID: 35357952
- 26) Fuse M., Study of Bioactive Film: Fabrication of Poly (lactic acid) Film Immobilized the Tilapia Fish Collagen or Porcine Collagen and Behavior of MC3T3- E1 Cells. *Int J Oral-Med Sci*, 2022, 21 (1) (2) :14-22, 2022
- 27) Narwidina A., Iroquois homeobox 3 regulates odontoblast proliferation and differentiation mediated by Wnt5a expression. *Biochem Biophys Res Commun*, 2023, 650:47-54. PMID: 36773339
- 28) Watanabe M., Novel Functional Peptide for Next-Generation Vital Pulp Therapy. *J Dent Res*, 2023, 102(3):322-330. PMID: 36415061
- 29) Gomyo-Furuya N, Fractalkine's dual role in inflammation and hard tissue formation in cultured human dental pulp cells. *Biomed Res*, 2023, 44(6):257. PMID: 38008424

- 30) Hoshino T., Extracellular Histones Promote Calcium Phosphate-Dependent Calcification in Mouse Vascular Smooth Muscle Cells. *J Biochem*, 2024, mvae011. PMID: 38302575
- 31) Azuma K., EBAG9-deficient mice display decreased bone mineral density with suppressed autophagy. *iScience*, 2024, 27(2):108871. PMID: 38313054
- 32) Liu Y, Selective Pyk2 inhibition enhances bone restoration through SCARA5-mediated bone marrow remodeling in ovariectomized mice. *Cell Commun Signal*, 2024, 22(1):561. PMID: 39578816
- 33) Yamamichi G, GDF15 propeptide promotes bone metastasis of castration-resistant prostate cancer by augmenting the bone microenvironment. *Biomark Res*, 2024, 12(1):147. PMID: 39587633
- 34) Shibata R, Role of Extracellular Vesicles of Stem Cells from Human Exfoliated Deciduous Teeth in Osteogenesis. *Int J Mol Sci*, 2025, 26(12):5841. PMID: 40565302
- 35) Fuse M, Fabrication and Evaluation of the Immobilization of Collagen onto the PLA Film Surface using Alkaline Hydrolysis. *Int J Oral-Med Sci*, 23(4):190-198.
- 36) Hirabae A, Effect of Recombinant Human Amelogenin on the Osteogenic Differentiation Potential of SHED. *Cells* 2025 Apr 30;14(9):657. PMID: 40358181