

DAFTAR PUSTAKA

- Belibasaki, G. N. 2011. *Molecular mechanisms of bone resorption in periodontitis*. J Cell Biochem. zurich. Available at: <http://www.ncbi.nlm.nih.gov/pubmed/8530528>
- Benedetto A.D, Gigante ,I., Colucci, ,S., and Grano, M. 2013. *Periodontal Disease: Linking the Primary Inflammation to Bone Loss*. Clin Dev Immunol. pp.1-4. <http://dx.doi.org/10.1155/2013/503754>
- Budirahardjo, R. (2010) ‘*Sisik Ikan Sebagai Bahan yang Berpotensi Mempercepat Proses Penyembuhan Jaringan Lunak Rongga Mulut, Regenerasi Dentin Tulang Alveolar*’, Stomatognathic J.K.G Unej, 7(2), pp. 136–140.
- Emilie M. Rosset and Amy D. Bradshaw. 2016. *SPARC / Osteonectin in Mineralized Tissue*. Matrix Biol 52-54: 78–87. doi:10.1016/j.matbio.2016.02.001.
- Ferreira A.M, Gentile P., Chiono V., Ciardelli G. 2012. *Collagen for bone tissue regeneration*. ActaBiomaterialia 8 (2012): 3191-3200
- Giachelli CM, Steitz S. 2000. *Osteoporosis: A Versatile Regulator of Inflammation and Biomineralization*. Matrix Biology 19: 615-622
- Hartati, I., Kurniasari, L. 2010. *Kajian Produksi Kolagen dari Limbah Sisik Ikan Secara Ekstraksi Enzimatis*. Momentum. Vol 6 No 1. pp. 33-35.
- Jangid, M. R., Rakhewar, P. S., Nayyar, A. S., Cholepatil, A. and Chhabra, P. (2016) ‘*Bone Grafts and Bone Graft Substitutes in Periodontal Regeneration : A Review*’, International Journal of Current Research in Medical Sciences, 2(8), pp. 1–7.
- Jassens K, Djike PT, Jassens S, Hul WV. 2005. *Transforming Growth Factor- β 1 to The Bone*. Endocrine Reviews. Volume 26, Issue 6, 1 October 2005. Pp 743-774.

- Ju-Min Lee, Min-Gu Kim, June-Ho Byun, Gyoo-Cheon Kim, Jung-Hoon Ro, Dae-Seok Hwang, Byul-Bora Choi, Geun-Chul Park and Uk-Kyu Kim. 2017. *The effect of biomechanical stimulation on osteoblast differentiation of human jaw periosteum-derived stem cells*. MaxilloPastic and Reconstructive Surgery 39:7. DOI 10.1186/s40902-017-0104-6
- Kandwal, A., Bhardwaj, J., Sunny and Batra, M. 2014. '*Bone Grafts In Periodontal Surgery . A Review*', Journal of Dental Herald, 1(3), pp. 30–32.
- Keestra, J. A. J., Barry, O. and Hukdug, L. D. E. J. 2016. '*Long-term effects of vertical bone augmentation : a systematic review*', J Appl Oral Sci, 24(1), pp. 3–17.
- Kheirallah, M. and Almeshaly, H. 2016. '*International Journal of Dentistry and Oral Science (IJDOS) ISSN : 2377-8075 Bone Graft Substitutes for Bone Defect Regeneration . A Collective Review Biological properties of bone Bone graft substitutes Bone grafts into the recipient site*', Int J Dentistry Oral Sci, 03(5), pp. 247–257.
- Kini, U., & Nandeesh, B. N. 2012. *Physiology of Bone Formation, Remodeling, and Metabolism*. In Radionuclide and Hybrid Bone Imaging (Vol. 9783642024, pp. 29–57). <https://doi.org/10.1007/978-3-642-02400-9>
- Kumar, P., Vinitha, B., and Fathima, G. 2013. *Bone Graft in dentistry*. Journal of Pharmacy and Bioallied Sciene. June Vol 5 Supplement 1. pp. 5125-5127. doi. 10.4103/0975-7406.113312.
- Liu, C and Sun, J. 2015. '*Hydrolyzed Tilapia Fish Collagen Induces Osteogenic Differentiation of Human Periodontal Ligament Cell*', Biomedical Materials, 10(6).
- Marc D. McKee and William G. Cole. 2012. *Bone Matrix and Mineralization*. Pediatric Bone 2nd ed. Elsevier. pp.22.
- Nagai, T., Izumi, M. and Ishii, M. 2004. '*Fish scale collagen. Preparation and partial characterization*', International Journal of Food Science and Technology, 39(3), pp. 239–244. doi: 10.1111/j.1365-2621.2004.00777.x.

- Newman, T. 2015. *Carranza's Clinical Periodontology*. 12th edn. USA: Saunder.
- Mizuno M, Fujisawa R, Kuboki Y. 2000. *Type I Collagen-Induced Osteoblastic Differentiation of Bone-Marrow Cells Mediated by Collagen- $\alpha 2\beta 1$ Integrin Interaction*. *J Cell Physiol*. 184(2) 207-213.
- Prahasanti, C., Wulandari, D. T. and Ulfa, N. 2018. 'Viability test of fish scale collagen (*Oshpronemus gouramy*) on baby hamster kidney fibroblasts-21 fibroblast cell culture', *Veterinary World*, 11(4), pp. 506–510. doi: 10.14202/vetworld.2018.506-510.
- Rakhmatia, Y. D., Ayukawa, Y., Furuhashi, A., & Koyano, K. 2018. *Carbonate apatite containing statin enhances bone formation in healing incisal extraction sockets in rats*. *Materials*, 11(7). <https://doi.org/10.3390/ma11071201>
- Reynolds, M. A., Kao, R. T., Nares, S., Camargo, P. M., Caton, J. G., Clem, D. S., Fiorellini, J. P., Geisinger, M. L., Mills, M. P., Nevins, M. L. and Rosen, P. S. 2015. 'Periodontal Regeneration — Intrabony Defects: Practical Applications From the AAP Regeneration Workshop', *Clinical Advances in Periodontics*, 5(1), pp. 21–29. doi: 10.1902/cap.2015.140062.
- Salma,S., Jan, S. M., Shah, A. F., Yousuf, A., and Batra, M. 2016. *Bone Graft and Bone Subtitutes in Dentistry*. *Journanl of Oral Research and Review*. Vol 8 Issue 1. pp.36-38. doi: 10.4103/2249-4987.182488.
- Sheikh, Z., Sima, C. and Glogauer, M. 2015. 'Bone replacement materials and techniques used for achieving vertical alveolar bone augmentation', *Materials*, 8(6), pp. 2953–2993. doi: 10.3390/ma8062953.
- Silva, R.F., Gisela Rodrigeus da Silva Sasso, Estela Sasso-Cerri, Manuel Jesus Simoes, Paulo Sergio Cerri. 2015. *Biology of Bone Tissue: Structure, Function, and Factors that Influence Bone Cell*. *BioMed Research International* Volume 2015, Article ID 421746. Pp 1-17.
- Silver, F. H. 2009. 'The Importance of Collagen Fibers in Vertebrate Biology', *Journal of Engineered Fibers and Fabrics*, 4(2), pp. 9–17.