DAFTAR PUSTAKA

Al-Obaidi, M.M.J., Al-Bayaty, F.H., Al Batran, R., Hassandarvish, P. and Rouhollahi, E. (2014). Protective effect of ellagic acid on healing alveolar bone after tooth extraction in rat - A histological and immunohistochemical study. *Archives of Oral Biology* **59**(9):987–999. doi: https://doi.org/10.1016/j.archoralbio.2014.06.001.

Al-obaidi, M.M.J., Al-bayaty, F.H., Batran, R. Al, Hussaini, J. and Khor, G.H. (2014). Impact of Ellagic Acid in Bone Formation after Tooth extraction in rats. **2014**.

Ambari, E.W. (2003). *Deteksi AntigenToksoplasma Dengan Teknik Imunohistokimia Pada Abortus Spontan*. Diponegoro University.

Asmara, M.A. and Dwirahardjo, B. (2015). Pengaruh Aplikasi Topikal Simvastatin Terhadap Ekspresi Osteokalsin Pada Proses Penyembuhan Tulang Tikus Model Diabetes Melitus. *Jurnal Kedokteran Gigi* **6**(4):354–360.

Belibasakis, G.N. and Bostanci, N. (2012). The RANKL-OPG system in clinical periodontology. *Journal of Clinical Periodontology* **39**:239–248. doi: https://doi.org/10.1111/j.1600-051X.2011.01810.x.

Bezerra, M.C., Carvalho, J.F., Prokopowitsch, A.S. and Pereira, R.M.R. (2009). RANK, RANKL and osteoprotegerin in bone biology and disease. *Current Reviews in Musculoskeletal Medicine* **2**(1):56–64.

Cohen, N. (2014). Healing processes following tooth extraction in orthodontic cases. *Journal Dentofacial Anom Orthodontics* **17**(304):1–21. doi: https://doi.org/10.1051/odfen/2014006.

Delves, P.J., Martin, S.J., Burton, D.R. and Roitt, I.M. (2017). *Roitt's Essential Immunology*. 13th ed. West Sussex, UK: Wiley Blackwell.

Dewi, A.H. and Ana, I.D. (2018). The use of hydroxyapatite bone substitute grafting for alveolar ridge preservation, sinus augmentation, and periodontal bone defect: A systematic review. *Heliyon* **4**(10):e00884. doi: https://doi.org/10.1016/j.heliyon.2018.e00884.

Epstein, S. (1998). *Molecular and Cellular Biology of Bone*. 5C ed. Bittar, E. (ed.). London: JAI PRESS.

Ferdiansyah, Rushadi, D., Rantam, F.A. and Aulani'am (2011). Regenerasi pada Massive Bone Defect dengan Bovine Hydroxyapatite sebagai Scaffold Mesenchymal Stem Cell (Regeneration of Massive Bone Defect with Bovine Hydroxyapatite as Scaffold of Mesenchymal Stem Cells). *Jbp* **13**(3):179–195.

Girish, C. and Pradhan, S.C. (2017). *Herbal Drugs on the Liver*. Elsevier Inc.

Haines, D.M. and Chelack, B.J. (1991). Technical considerations for developing enzyme immunohistochemical staining procedures on formalin-fixed paraffin-embedded tissues for diagnostic pathology. *Journal of Veterinary Diagnostic Investigation* **3**(1):101–112. doi: https://doi.org/10.1177/104063879100300128.

Hashemi, Z.S. (2011). Tissue Engineering Scaffolds : History , Types and Construction Methods Tissue Engineering Scaffolds : History , Types and Construction Methods. *Journal of iranian Anatomical Sciences* **9**(35):145–168.

Hayati Dwi Handayani, N., Bahtiar, A. and Louisa, M. (2017). Efek Kapsul Ekstrak Etanol Kulit Buah Delima (Punica granatum L .) terhadap Penanda Pembentukan dan Kualitas Tulang pada Wanita Pascamenopause The Effect of Pomegranate Peel Ethanol Extract (Punica granatum L .) on Marker of Bone Formation and Bone Qual. **7**(2):77–86.

Herniyati, H. (2017). Pengaruh Ekstrak Kopi Robusta Terhadap Ekspresi Osteokalsin Pada Osteoblas Selama Pergerakan Gigi Ortodonti. *Jurnal Teknosains* **6**(1):31. doi: https://doi.org/10.22146/teknosains.23158.

Huldani (2012). Biomarker remodeling tulang. *Bone Remodelling*:3–17.

Hussein-al-ali, S.H., Al-qubaisi, M., Rasedee, A. and Hussein, M.Z. (2017). Evaluation of the Cytotoxic Effect of Ellagic Acid Nanocomposite in Lung Cancer A549 Cell Line and RAW 264 . 9 Cells. *Journal of Bionanoscience* **11**(November):578–583. doi: https://doi.org/10.1166/jbns.2017.1473.

Intini, G., Katsuragi, Y., Kirkwood, K.L. and Yang, S. (2014). Alveolar bone loss: mechanisms, potential therapeutic targets, and interventions. *Advances in dental research* **26**(1):38–46. doi: https://doi.org/10.1177/0022034514529305.

Kattimani, V.S., Kondaka, S. and Lingamaneni, K.P. (2016). Hydroxyapatite–-Past, Present, and Future in Bone Regeneration. *Bone and Tissue Regeneration Insights* **7**:BTRI.S36138. doi: https://doi.org/10.4137/btri.s36138.

Kini, U. and Nandeesh, B.N. (2012). Physiology of Bone Formation, Remodeling, and Metabolism. *Radionuclide and Hybrid Bone Imaging* **XIV**:29–57. doi: https://doi.org/10.1007/978-3-642-02400-9.

Kon, T., Cho, T., Aizawa, T., Yamazaki, M., Nooh, N., Graves, D., … Einhorn, T.A. (2001). Expression of Osteoprotegerin , Receptor Activator of NF-KappaB Ligand (Osteoprotegerin Ligand) and Related Proinflammatory Cytokines During Fracture Healing. *Journal of Bone and Mineral Research* **16**(6):1004–1014.

Kresnoadi, U., Rahayu, R.P. and Djulaeha, E. (2014). Aktivitas Ekspresi Kolagen

II dan Osteocalsin Tulang Alveol Akibat Preservasi Soket Pencabutan Gigi Dengan Campuran Aloe Vera dan Graft 0,5%. *Dentika Dental Journal* **18**(1):80–86.

Kuć, J., Sierpińska, T. and Gołębiewska, M. (2017). Alveolar ridge atrophy related to facial morphology in edentulous patients. *Clinical Interventions in Aging* **12**:1481–1494. doi: https://doi.org/10.2147/CIA.S140791.

Lan Levengood, S. and Zhang, M. (2015). Chitosan-based scaffolds for bone tissue engineering. *J Mater Chem B Mater Biol Med.* **2**(21):3161–3184. doi: https://doi.org/10.1039/C4TB00027G.Chitosan-based.

Larasati, Hermawan, A., Ikawati, M. and Meiyanto, E. (2012). *Prosedur Pengecatan Imunohistokimia P53*. Jogjakarta: Cancer Chemoprevention Research Center Fakultas Farmasi UGM.

Leeson, C.R., Leeson, T. and Paparo, A. (1985). *Textbook of Histology*. 5th (ed.). WB Saunders Co.

Li, Jia, Wang, G., Hou, C., Li, Jianke, Luo, Y. and Li, B. (2019). Punicalagin and ellagic acid from pomegranate peel induce apoptosis and inhibits proliferation in human HepG2 hepatoma cells through targeting mitochondria. **0105**. doi: https://doi.org/10.1080/09540105.2019.1642857.

Lovati, A.B., Lopa, S., Recordati, C., Talò, G., Turrisi, C., Bottagisio, M., … Moretti, M. (2016). In Vivo Bone Formation Within Engineered Hydroxyapatite Scaffolds in a Sheep Model. *Calcified Tissue International* **99**(2):209–223. doi: https://doi.org/10.1007/s00223-016-0140-8.

Maji, K. and Dasgupta, S. (2014). Hydroxyapatite-Chitosan and Gelatin Based Scaffold for Bone Tissue Engineering. *Transactions of the Indian Ceramic Society* **73**(2):110–114. doi: https://doi.org/10.1080/0371750X.2014.922424.

Matsuura, A., Kubo, T., Doi, K., Hayashi, K., Morita, K. and Yokota, R. (2009). Bone formation ability of carbonate apatite-collagen scaffolds with different carbonate contents Bone formation ability of carbonate apatite-collagen scaffolds with different carbonate contents. (June 2014). doi: https://doi.org/10.4012/dmj.28.234.

McKee, M.D., Pedraza, C.E. and Kaartinen, M.T. (2011). Osteopontin and wound healing in bone. *Cells Tissues Organs* **194**(2–4):313–319. doi: https://doi.org/10.1159/000324244.

Medina, S., Salazar, L., Mejía, C. and Moreno, F. (2016). In vitro behavior of the dentin and enamel calcium hydroxyapatite in human premolars subjected to high temperatures. *Dyna* **83**(195):34–41. doi: https://doi.org/10.15446/dyna.v83n195.42732.

Nakamura, H. (2007). Morphology, Function, and Differentiation of Bone Cells. *Journal of Hard Tissue Biology* **16**(1):15–22. doi: https://doi.org/10.2485/jhtb.16.15.

Paldánius, P.M. (2017). *The Role of Osteocalcin in Human Bone Metabolism and Glucose Homeostasis*. Aarnisalo, P. (ed.). Helsinki: University of Helsinki.

Parra-Torres, A.Y., Valds-Flores, M., Orozco, L. and Velzquez-Cruz, R. (2013). Molecular Aspects of Bone Remodeling. *Topics in Osteoporosis*(May). doi: https://doi.org/10.5772/54905.

Patti, A., Gennari, L., Merlotti, D., Dotta, F. and Nuti, R. (2013). Endocrine Actions of Osteocalcin. *International Journal of Endocrinology* **2013**:1–10. doi: https://doi.org/10.1155/2013/846480.

Polo-Corrales, L., Latorre-Esteves, M. and Ramirez-Vick, J.E. (2014). Scaffold design for bone regeneration. *Journal Nanoscience Nanotechnology* **14**(1):15–56.

Ponzoni, D., de Carvalho, P.S. and de Carvalho, M.A. (2015). Reconstruction of alveolar bone defect with autogenous bone particles and osseointegrated implants: Histologic analysis and 10 years monitoring. *Annals of Maxillofacial Surgery* **5**(1):135. doi: https://doi.org/10.4103/2231-0746.161145.

Primarizky, H., Yuniarti, W.M. and Lukiswanto, B.S. (2018). Ellagic Acid Activity in Healing Process of Incision Wound on Male Albino Rats (Rattus norvegicus). *KnE Life Sciences* **3**(6):224. doi: https://doi.org/10.18502/kls.v3i6.1131.

Saldanha, E., Joseph, N., Ravi, R., Kumar, A., Shetty, V., Fayad, R. and Baliga, M.S. (2013). *Polyphenols in the Prevention of Acute Pancreatitis*. Elsevier Inc.

Sya'bani, D.R. (2018). *Ekspresi Osteopontin Di Daerah Tekanan Pada Gigi Yang Diberi Kekuatan Mekanik Ortodonti Dengan Pemberian Natrium Fluoride*. Jember University.

Tolar, J., Teitelbaum, S. and Orchard, P.J. (2004). Review Article. *N Engl J Med* **351**(27):87–95. doi: https://doi.org/10.1056/NEJMra1011035.

Usta, C., Ozdemir, S., Schiariti, M. and Puddu, P.E. (2013). The pharmacological use of ellagic acid-rich pomegranate fruit. *International Journal of Food Sciences and Nutrition* **64**(7):907–913. doi: https://doi.org/10.3109/09637486.2013.798268.

Weisburg, J.H., Schuck, A.G., Reiss, S.E., Wolf, B.J., Fertel, S.R., Zuckerbraun, H.L., … York, N. (2013). Ellagic Acid , a Dietary Polyphenol , Selectively Cytotoxic to HSC-2 Oral Carcinoma Cells. **1836**:1829–1836.

De Witte, T., Fratila-apachitei, L.E., Zadpoor, A.A. and Peppas, N.A. (2018). Bone