

DAFTAR PUSTAKA

- Anila, S., & Nandakumar, K. (2006). Applications of platelet rich plasma for regenerative therapy in periodontics. *Trends in Biomaterials and Artificial Organs*, 20 (1), 78–83.
- Chaeriyana, R., Ridho, F., & Bandriananto, A. N. (2013). Peningkatan Jumlah Pembuluh Darah akibat Aplikasi Graft Hidrogel-CHA pada Soket pasca Pencabutan Gigi (Kajian *in vivo*). *Berkala Ilmiah Mahasiswa Kedokteran Gigi Indonesia*, 1 (2), 14-18.
- El-Sherbiny, I., & Yacoub, M. (2013). Hydrogel scaffolds for tissue engineering: Progress and challenges. *Global Cardiology Science & Practice*, 2013 (3), 316–42.
- Eppley, B., Woodell, J., & Higgins, J. (2004). Platelet Quantification and Growth Factor Analysis from Platelet-Rich Plasma: Implications for Wound Healing. *American Society of Plastic Surgeons*, 1-9.
- Fallis, A. (2013) Degradation of Implant Materials. *Journal of Chemical Information and Modeling*, 53 (1), 1689-1699.
- Gartner, L. P., & Hiatt, J. L. (2007). *Buku Ajar Berwarna Histologi*, 3 (1). T. D. FKUI, Trans. Elsavier, Jakarta.
- Gartner, L. P., Hiatt, J. L., & Strum, M. H. (2011). *Essensia Biologi Sel dan Histologi*. Binarupa Aksara, 134-141
- Geris, A. L., Sloten, J. Vander, & Oosterwyck, H. Van. (2016). “In Silico” Biology of Bone Modelling and Remodelling. *The Royal Society*, 367 (1895), 2031–2053.
- Hardy, R., & Cooper, M. S. (2009). Bone loss in inflammatory disorders. *Journal of Endocrinology*, 309–320.
- Hokugo, A., Ozeki, M., Keisuke, S., Kawakami, O., Mushimoto, K., Morita, S., et al. (2005). Augmented bone regeneration activity of platelet-rich plasma by biodegradable gelatin hydrogel. *Tissue Engineering*, 11.
- Jimi, E., Hirata, S., Osawa, K., Terashita, M., Kitamura, C., & Fukushima, H. (2012). The current and future therapies of bone regeneration to repair bone defects. *International Journal of Dentistry*, 2012, 1–8.
- Khan, Y., Yaszemski, J., Mikos, G., & Laurencin, T. (2008). Tissue Engineering of Bone: Material and Matrix Considerations. *The Journal of Bone and Joint Surgery*, 90 (1), 36-42.

- Leeson, & Paporo. (1995). *Buku Ajar Histologi*. (S. A. FKUI, Trans.) EGC, Jakarta. 141-155
- Liu, J., Nie, H., Xu, Z., Guo, F., Guo, S., Yin, J., Zhang, C., et al. (2015). Construction of PRP-containing nanofibrous scaffolds for controlled release and their application to cartilage regeneration. *Journal of Materials Chemistry*, 3, 1-20.
- Lynn, C., & Parmet, S. (2004). Bone Fractures. *The Journal of the American Medical Association*, 291.
- Martínez-pérez, C. a, Olivas-armendariz, I., Castro-carmona, J. S., & García-casillas, P. E. (2011). Scaffolds for Tissue Engineering Via Thermally Induced Phase Separation. *Advances in Regenerative Medicine*, 275–294.
- Matsui, M., & Tabata, Y. (2012). Enhanced angiogenesis by multiple release of platelet-rich plasma contents and basic fibroblast growth factor from gelatin hydrogels. *Acta Biomaterialia*, 8 (5), 1792–1801.
- McCance, K. L., & Huether, S. E. (2006). *Pathophysiology : The Biologic Basis for Disease in Adults and Children*. Elsavier Mosby, St. Louis.
- O'Brien, F. J. (2011). Biomaterials & scaffolds for tissue engineering. *Materials Today*, 14 (3), 88–95.
- Rodríguez-Jiménez, F. J., Valdes-Sánchez, T., Carrillo, J. M., Rubio, M., Monleon-Prades, M., García-Cruz, D. M., Moreno-Manzano, V., et al. (2012). Platelet-Rich Plasma Favors Proliferation of Canine Adipose-Derived Mesenchymal Stem Cells in Methacrylate-Endcapped Caprolactone Porous Scaffold Niches. *Journal of Functional Biomaterials*, 3 (3), 556–568.
- Rodriguez, I. A., Gowney Kalaf, E. A., Bowlin, G. L., & Sell, S. A. (2014). Platelet-rich plasma in bone regeneration: Engineering the delivery for improved clinical efficacy. *BioMed Research International*, 2014, 1-15.
- Saito, T., & Tabata, Y. (2012). Preparation of gelatin hydrogels incorporating low-molecular-weight heparin for anti-fibrotic therapy. *Acta Biomaterialia*, 8 (2), 646–652.
- Shimojo, A. A. M., Perez, A. G. M., Galdames, S. E. M., Brissac, I. C. D. S., & Santana, M. H. A. (2015). Performance of PRP associated with porous chitosan as a composite scaffold for regenerative medicine. *Scientific World Journal*, 2015, 1-13.
- Sultana, N. (2013). *Biodegradable Polymer- Based Scaffolds for Tissue Engineering*. Springer, Veldag Berlin Heidelberg.
- Trivedi, M. K., Branton, A., Trivedi, D., Nayak, G., Mishra, R. K., Jana, S., et al.

- (2015). Comparative Physicochemical Evaluation of Biofield Treated Phosphate Buffer Saline and Hanks Balanced Salt Medium. *American Journal of Bioscience*, 3 (6), 267–277.
- Vitria, E. E., & Latif, B. S. (2010). Tissue engineered bone as an alternative for repairing bone defects. *Dental Journal*, 43 (1), 11–16.
- Vo, T. T. N., Kasper, F. K., & Mikos, A. G. A. (2012). Strategies for controlled delivery of growth factors and cells for bone regeneration. *Advanced Drug Delivery Reviews*, 64 (12), 1292–1309.
- Weisel, J. W. (2007). Structure of fibrin: Impact on clot stability. *Journal of Thrombosis and Haemostasis*, 5 (1), 116–124.
- William, B., & Fawcett, D. 2002. *Buku Ajar Histologi Edisi 12*. (J. Tambayong, Trans.) EGC, Jakarta.
- Wu, L., & Ding, J. (2015). Effects of Porosity and Pore Size on in Vitro Degradation of Dimensional Porous Poly (D,L-lactide-co-glycolide) Scaffolds for Tissue Engineering. *Journal of Biomedical Materials Research*, 75 (4), 767-777.

