

DAFTAR PUSTAKA

- Altan Burcu A, Kara Isa M, Nalcaci Ruhi, Ozan Fatih, Erdogan Serif M, Ozkut Mahmut M, Inan Sevinc. 2013. Systemic propolis stimulates new bone formation at the expanded suture : A histomorphometric study. *The Angle Orthodontist* 2013. 83 : 286-291
- Bachiega, T. F., C. L. Orsatti, A. C. Pagliarone, and J. M. Sforcin. 2012. The Effects of Propolis and Its Isolated Compounds on Cytokine Production by Murine Macrophages. *Phytotherapy Research* 26 (9) : 1308–13
- Baharuddin NA, Kamin S, Samsuddin AR. 2003. The Use of Demineralized Freeze-Dried Bovine Bone Xenograft in Reaching Post Surgical Periodontal Pocket Depth. *Annual Dent Univ Malaya* 10 : 33-37
- Brunetti, Giorgio Mori, Patrizia D’Amelio, and Roberta Faccio. 2013. The Crosstalk between the Bone and the Immune System: Osteoimmunology. *Clinical and Developmental Immunology* (2013) : 1-16
- Caranza, 2002. Caranza’s Clinical Periodontology. 9th Ed. Philadelphia : W.B. Saunders Company, pp 135-41
- Carvalho Ricardo Silva, Fátima Baltazar, and Cristina Almeida-Aguiar. 2015. Propolis: A Complex Natural Product with a Plethora of Biological Activities That Can Be Explored for Drug Development Evidence-Based Complementary and Alternative Medicine (2015) : 1-29
- Cormack David H, 2001. The Essential Histology, 2th Ed. Baltimore : Lippincott Williams and Wilkins, pp 179-200
- Darmadi, D, and E Mustamsir. 2016. The Effect of Propolis on Increasing the Number of Osteoblasts and Chondrocytes , and Decreasing the Number of Osteoclasts in Wistar Rats (*Rattusnovergicus*) with Femoral Bone Fracture. *Journal of Dental and Medical Sciences* 15 (12) : 90-95
- Devline H and Sloan P. 2002. Early Bone Healing Event in The Human Extraction Socket. *Int J Oral Maxillofac Surg.* 31 (6) : 641-5
- Enoch S, Prince P. 2004. Celluler, Molleculer and Biochemical Different in the Pathophysiology of Healing between Acut Wound, Chronic Wound and Wound in the Aged. *World Wide Wounds* : 1–12
- Fee, L. 2017. Socket Preservation. *Nature Publishing Group* 222 (8) : 579–82
- Fenchang Zhu, Michael S.Friedman , Weijun Luo, Peter Woolf and Kurt D. 2012. The Transcription Factor Osterix (SP7) Regulates BMP6-Induced Human Osteoblast Differentiation. *Journal of Cellular Physiology* 227 : 2677-2685

- Ganong William F, 2003. A review of Medical Physiology. San Fransisco : McGraw-Hill Companies, Inc.
- Graves D. T, Oates T, Garlet G.P. 2016. Osteoimmunology in the oral cavity. In Osteoimmunology Interaction of The Immune and Skeletal System. Philadelphia : Elsevier Inc, pp 325-44
- Guiqian Chen, Chuxia Deng, Yi Ping Li. 2012. TGF- β and BMP Signaling in Osteoblast Differentiation and Bone Formation. *Int. J. Biol. Sci* 8 (2) : 272-288
- Gunay Ahmet, Osman Fatih Arpag, Serhat Atilgan, Ferhan Yaman, Yusuf Atalay, and Izzet Acikan. 2014. Effects of Caffeic Acid Phenethyl Ester on Palatal Mucosal Defects and Tooth Extraction Socket. *Drug Design, Development and Therapy* 8 : 2069-74
- Gupta Sweta K, Dinda Amit K, Potdar Pravin D, and Mishra Narayan C. 2013. Modification of Decellularized Goat-Lung Scaffold with Chitosan/Nano hydroxy apatite Composite for Bone Tissue Engineering Applications. *Hindawi Publishing Corporation BioMed Research International* (2013) : 1-11
- Gupta A, Tiwari B, Goel H, Seckhwat H. 2010. Residual Ridge Resorption : A Review. *Indian Journal of Dental Science* 2 (2) : 07-11
- Hankenson K. D, Gagne K, and Shaughnessy M. 2015. Extracellular Signaling Molecules to Promote Fracture Healing and Bone Regeneration. *Advanced Drug Delivery Reviews* 94 : 3–12
- Hwu Y.J, & Lin F.Y. 2014. Effectiveness of Propolis on Oral Health: A meta-analysis. *The Journal of Nursing Research* 22 (4) : 221-230
- Irinakis. 2006. Rationale for Socket Preservation After Extraction of A single Rooted Tooth when Planning for Future Implant Placement. *J Can Dent Assoc* 2 (10) : 917
- Kazancioglu, Hakki Oguz, Sertac Aksakalli, Seref Ezirganli, Muhammet Birlik, Mukaddes Esrefoglu, and Ahmet Huseyin Acar. 2015. Effect of Caffeic Acid Phenethyl Ester on Bone Formation in The Expanded Inter-Premaxillary Suture. *Drug Design, Development and Therapy* 9 : 6483–88
- Ke Ke, Qi Li, Xiaofeng Yang, Zhijian Xie, Yu Wang, Jue Shi, Linfeng Chi, Weijian Xu, Lingling Hu, and Huali Shi. 2016. Asperosaponin VI Promotes Bone Marrow Stromal Cell Osteogenic Differentiation through The PI3K/AKT Signaling Pathway in An Osteoporosis Model. *Scientific Reports* 6 (March) : 2–10
- Khurshid Z, Naseem M , Zafar MS, Najeeb S, Zohaib S. 2017. Propolis: A Natural Biomaterial For Dental and Oral Health Care. *J Dent Res Dent Clin Dent Prospect* 11 (4) : 265-274

- Kini and Nadeesh, 2012. *Physiology of Bone Formation, Remodelling and Metabolism* 14th Ed. Bangalore : Springer, pp 30-55
- Kobayashi, E. Fluckiger L, Fujioka Kobayashi, M Sawada K, Sculean A., Schaller B, Miron R.J. 2016. Comparative Release of Growth Factors from PRP, PRF, and Advanced-PRF. *Clinical Oral Investigations* 20 (9) : 2353–2360
- Kresnodi Utari, Hadisoesto Y, Prabowo H. 2016. Effect Of Mangosteen Peel Extract Combined with Demineralized Freezed-Dried Bovine Bone Xenograft On Osteoblast and Osteoclast Formation In Post Totth Extraction Socket. *Dental Journal (Majalah Kedokteran Gigi)* 49 (1) : 43-48
- Kresnodi Utari, Maretaningtias Dwi Ariani, Eha Djulaeha, and Nike Hendrijantini. 2017. The Potential of Mangosteen (*Garcinia Mangostana*) Peel Extract Combined with Demineralized Freeze-Dried Bovine Bone Xenograft to Reduce Ridge Resorption and Alveolar Bone Regeneration in Preserving the Tooth Extraction Socket. *The Journal of Indian Prosthodontics Society* 17 (3) : 282-88
- Kumar Prasanna, Belliappa Vinitha, and Ghousia Fathima. 2013. Bone Grafts in Dentistry. *J Pharm Bioallied Sci Jun 5 (Suppl 1) : S125-S127*
- Kusumawati, 2004. *Bersahabat dengan Hewan Coba*. Yogyakarta : Gadjah Mada Press, p 20-28
- Larjava H, 2012. *Oral Wound Healing: Cell Biology and Clinical Management*. Canada : John Wiley & Sons, Inc, pp 1-9
- Lemeshow, 1990. *Adequacy of Sample Size In Health Study*. England : John Wiley & Sons Ltd, pp 52-54
- Martinotti, Simona, Elia. 2015. Propolis : A New Frontier for Wound Healing ? *Burns & Trauma* (2015) : 1–7
- Miloro M, Peter GEG, Peter EL, 2004. *Peterson's Principles of Oral and Maxillofacial Surgery*, 2th Ed. Canada : Springer Science+Business Media LLC, pp 8
- Nevins M, Camelo M, Angelis ND, Hanratty JJ, Kkhang WG, Kwon JJ, Rasperini G, Rocchietta I, Schupbach P, Kim DM. 2011. The Clinical and Histological Efficacy of Xenograft Granules for Maxillary Sinus Floor Augmentation. *Int J Periodontics Restorative Dent* 31 (3) : 227-235
- Nevins M, Camelo M, Paoli SD, Friedland B, Schenk RK, Benfenati SP, Simion M, Tinti C, Wagenberg B. 2006. A Study of the Buccal Wall of Extraction Sockets of Teeth with Prominent Roots. *Int J Periodontics Restorative Dent* 26 (1) : 19-20
- Ningsih Febby Nurdiya, Rifa'i Muhaimin. 2017. Propolis Action in Controlling Activated T Cell Producing TNF- α and IFN- γ in Diabetic Mice. *Turk J Immunol* 5 (2) : 36–44

- Pagni G, Pellegrini G, Giannobile W.V, Rasperini G. 2012. Postextraction Alveolar Ridge Preservation : Biological Basis and Treatments. *International Journal of Dentistry* (2012) : 1-13
- Pasupuleti Visweswara Rao, Sannugam Lakshmi, Ramesh Nagesvari, and Gan Siew Hua. 2017. Honey, Propolis, and Royal Jelly: A Comprehensive Review of Their Biological Actions and Health Benefits. *Hindawi Oxidative Medicine and Cellular Longevity* (2017) : 1-21
- Perkasa Muhammad IA, Yogyarti Sri, and Harijanto Endanus. 2017. Aplikasi Gel Ekstrak Propolis Pada Soket Pasca Ekstraksi Gigi Cavia Cobaya Terhadap Jumlah Sel Osteoklas (Propolis Extract Gel Application to The Socket of Cavia Cobaya after Tooth Extraction to The Quantity of Osteoclast). *Material Dental Journal* 8 (1) : 23–28.
- Purwadi, Radiati Lilik E, Evanuarini H, 2017. *Penanganan Hewan Ternak*. Malang : Universitas Brawijaya Press, pp 24-25
- Puspasari A, Harijanti K, Soebadi B, Hendarti HT, Radithia D, Ernawati DS. 2018. Effects of topical application of propolis extract on fibroblast growth factor-2 and fibroblast expression in the traumatic ulcers of diabetic *Rattus norvegicus*. *J Oral Maxillofac Pathol* 22 (1) : 54-8
- Qazi B. Saleem, Tang Kai, and Qazi Asma. 2011. Recent Advances in Underlying Pathologies Provide Insight into Interleukin-8 Expression-Mediated Inflammation and Angiogenesis. *International Journal of Inflammation* (2011) : 1-13
- Ramos AFN, Miranda JL. 2007. Propolis: A Review of Its Anti-Inflammatory And Healing Actions. *J. Venom. Anim. Toxins incl. Trop. Dis.* 13 (4) : 697-710
- Rutkovski, Kare-olav Stenslokken, Ingvar Jarle. 2016. Osteoblast Differentiation At A Glance. *Journal Medical Science* 2016 (22) : 95-106
- Sakamoto Y, Harada T, Horie T, Iba Y, Taniguchi F, Yoshida S, Iwabe T, and Terakawa N. 2003. Tumor Necrosis Factor-Induced Interleukin-8 (IL-8) Expression In Endometriotic Stromal Cells, Probably Through Nuclear Factor β Activation: Gonadotropin Releasing Hormone Agonist Treatment Reduced IL-8 Expression. *The Journal of Clinical Endocrinology & Metabolism* 88 (2) : 730–735
- Scrhoop L, Wenzel A, Kostopoulos L, Karring T. 2003. Bone Healing and Soft Tissue Countour Changes Following Single-Tooth Extraction. A Clinical and Radiographic 12 Month Prospectife Study. *Int J. Periodontics Restorative Dent* 23 (4) : 313-322
- Sinha K. M, and Zhou Xin. 2013. Genetic and Molecular control of Osterix In Skeletal Formation. *J Cell Biochem* 114 (5) : 975-984

- Soekobagiono, Alfiandy A, Dahlan A. 2017. RANKL Expressions In Preservation of Surgical Tooh Extraction Treated With Moringa (*Moringa Oleifera*) Leaf Extract and Demineralized Freeze-Dried Bovine Bone Xenograft. *Dental Journal (Majalah Kedokteran Gigi)* 50 (3) : 149–153
- Steiner Gregory G, Warren F, Ronald B, Melissa PK, Dairon MS, Roslynn M. 2003. The Healing Socket and Socket regeneration. *J Oral Maxillofacial Surg* 65 (10) : 1909-24
- Sudarto Wirjokusumo, Handoyo S. 2003. Uji Banding Biokompatibilitas Bahan Graft Demineralisasi Serbuk Gigi manusia, Serbuk Gigi Sapi, Serbuk Tulang Manusia dan Serbuk Tulang Sapi pada Biakan Sel. *Majalah Kedokteran Gigi Universitas Airlangga* 35 (2) : 87-9
- Sudiana I Ketut, 2005. *Teknologi Ilmu Jaringan dan Imunohistokimia*, Jakarta : CV. Sagung Seto pp 30-38
- Sukohar Asep, Arisandi Ria. 2016. Seledri (*Apium graveolens L*) sebagai Agen Kemopreventif bagi Kanker. *Majority* 5 (2) : 95-100
- Trombelli L, Farina R, Marzola A, Bozzi L, Liljenberg B, Lindhe J. 2008. Modeling And Remodeling of Human Extraction Sockets. *J Clin Periodontol* 2008 (35) : 630–639
- Wang Xin Chun, Nzhi Jun Zhao, Chun Guo, Jing Tao Chen, Jin Ling Song, and Li Gao. 2014. Quercetin Reversed Lipopolysaccharide-Induced Inhibition of Osteoblast Differentiation through the Mitogen-Activated Protein Kinase Pathway in MC3T3-E1 Cells. *Molecular Medicine Reports* 10 (6) : 3320-26
- Yan, Xiaohui, Miao Qi, Pengfei Li, Yihong Zhan, and Huanjie Shao. 2017. Apigenin in Cancer Therapy: Anti-cancer Effects and Mechanisms of Action. *Cell & Bioscience* (2017) : 1–16

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