

DAFTAR PUSTAKA

- Abbas AK, Lichtman AH, Pillai S, 2018**, Cellular and molecular immunology, 9th Ed., Elsevier, Inc., USA, pp. 82-90.
- Abu-Seida AM, 2015**, Effect of Propolis on Experimental Cutaneous Wound Healing in Dogs, *Veterinary Medicine International*, pp. 01-04.
- Al-Waili N, Hozzein WN, Badr G, Al-Ghamdi A, Al-Waili H, Salom K, Al-Waili T, 2015**, Propolis and bee venom in diabetic wounds; a potential approach that warrants clinical investigation, *Afr J Tradit Complement Altern Med.*, Vol. 12, No. 6, pp. 01-11.
- Araujo, MAR, Libério, SA, Guerra, RNM, Ribeiro, MNS, Nascimento, FRF, 2012**, Mechanisms of action underlying the anti-inflammatory and immunomodulatory effects of propolis: a brief review, *Brazilian Journal of Pharmacognosy*, Vol. 22, No. 1, pp. 208-219.
- Armutcu F, Akyol S, Ustunsoy S, and Turan FF, 2015**, Therapeutic potential of caffeic acid phenethyl ester and its anti-inflammatory and immunomodulatory effects (Review), *Experimental and therapeutic medicine*, Vol. 9, pp. 1582-1588.
- Badan Penelitian dan Pengembangan Kesehatan, 2019**, Laporan Nasional RISKESDAS 2018, Lembaga Penerbit Badan Penelitian dan Pengembangan Kesehatan, Jakarta, pp. 123-143.
- Bancroft JD and Gamble M, 2008**, Theory and Practice of Histological Techniques, 6th Ed., Churchill Livingstone, Elsevier, China, pp. 83.
- Baranoski S, Ayello EA, 2012**, Wound care essentials : practice principles, 3rd ed., Lippincott Williams & Wilkins, USA., pp. 85-100.
- Bezerra RMN, Veigab LF, Caetanoc AC, Rosalen PL, Amarale MEC, Palanch AC, Alencar SM, 2012**, Caffeic acid phenethyl ester reduces the activation of the nuclear factor κ B pathway by high-fat diet-induced obesity in mice, *Metabolism clinical and experimental*, Vol. 61, pp. 1606-1614.
- Cho MS, Park WS, Jung WK, Qian Z, Lee DS, Choi JS, Lee DY, Park SG, Seo SK, Kim HJ, Won JY, Yu BC dan Choi IW, 2014**, Caffeic acid phenethyl ester promotes anti-inflammatory effects by inhibiting MAPK and NF- κ B signaling in activated HMC-1 human mast cells, *Pharmaceutical Biology*, Vol. 52, No. 7, pp. 926-932.
- Dahlan MS, 2014**, Statistik untuk Kedokteran dan Kesehatan: Deskriptif, Bivariat, dan Multivariat, Dilengkapi Aplikasi Menggunakan SPSS, 6ed., Jakarta: Epidemiologi Indonesia, pp. 02 - 15.
- DeLong L, Burkhardt NW, 2013**, General and oral pathology for the dental hygienist, 2nd ed., Lippincott Williams & Wilkins, USA, pp. 45-63.

- Delves PJ, Martin SJ, Burton DR, Roitt IM, 2017**, Roitt's essential immunology, 13th ed., John Wiley & Sons, Inc., UK., pp. 18 - 21.
- Draganova-Filipova M, Nikolova M, Mihova A, Peychev L and Sarafian V, 2010**, A Pilot Study on the Immunomodulatory Effect of Bulgarian Propolis, *Biotechnology & Biotechnological Equipment*, Vol. 24, pp. 119-124.
- Flanagan M, 2013**, Wound healing and skin integrity : principles and practice, 1st ed., John Wiley & Sons, Ltd., UK, pp. 33-51.
- Georgescu M, Marinas O, Popa M, Stan T, Lazar V, Bertesteanu SV, and Chiiriuc MC, 2016**, Natural Compounds for Wound Healing, pp. 01-31.
- Glick M, 2015**, Burket's oral medicine, 12th ed., People's Medical Publishing House, LTD, USA, pp. 57-90.
- Goud BJ, Dwarakanath V, Swamy BKC, 2015**, Streptozotocin - A Diabetogenic Agent in Animal Models, *International Journal of Pharmacy and Pharmaceutical Research*, Vol. 3, No. 1, pp. 01-17.
- Henshaw FR, Twigg SM, McLennan SV, 2014**, What's the buzz: bee products and their potential value in diabetic wound healing. *The Journal of Diabetic Foot Complications*, Vol. 6, No. 1, pp. 24-39.
- Hozzeina WN, Badr G, Al Ghamdi AA, Sayed A, Al-Waili NS, Garraud O, 2015**, Topical Application of Propolis Enhances Cutaneous Wound Healing by Promoting TGF-Beta/Smad-Mediated Collagen Production in a Streptozotocin-Induced Type I Diabetic Mouse Model, *Cell Physiol Biochem*, Vol. 37, pp. 940-954.
- Jacob A, Parolia A, Pau A and Amalraj FD, 2015**, The effects of Malaysian propolis and Brazilian red propolis on connective tissue fibroblasts in the wound healing process, *BMC Complementary and Alternative Medicine*, Vol. 15, No. 294, pp. 01-10.
- Kalsum N, Sulaeman A, Setiawan B, and Wibawan IWT, 2017**, Preliminary Studies of the Immunomodulator Effect of the Propolis *Trigona* spp. Extract in a Mouse Model, *Journal of Agriculture and Veterinary Science*, Vol. 10, No. 2, pp. 75-80.
- Khan MN, Lane ME, McCarron PA, Tambuwala MM, 2018**, Caffeic acid phenethyl ester is protective in experimental ulcerative colitis via reduction in levels of pro-inflammatory mediators and enhancement of epithelial barrier function *Inflammopharmacol*, Vol. 26, pp. 561–569.
- Kleine B, Rossmannith WG, 2016**, Hormones and the Endocrine System *Textbook of Endocrinology*, Springer International Publishing, Switzerland., pp. 364 - 365.
- Kumar V, Abbas AK, Aster JC, 2013**, Robbins basic pathology, 9th ed., Elsevier Inc., USA., p. 53 - 56.

Król W, Bankova V, Sforcin JM, Szliszka E, Czuba Z, and Kuropatnicki AK, 2013, Propolis: Properties, Application, and Its Potential, Evidence-Based Complementary and Alternative Medicine, pp. 01-02.

Larjava H, 2012, Oral wound healing: cell biology and clinical management, John Wiley & Sons, Inc., UK., pp. 39 - 55, pp. 175 - 193.

Leslie RD, Lansang MC, Coppack S, Kennedy L, 2012, Clinician's desk reference Diabetes, Manson Publishing Ltd, UK, pp. 11-44, 73-86.

Little JW, Falace DA, Miller CS, Rhodus NL, 2013, Dental management of the medically compromised patient, 8th ed., Elsevier Inc., USA, pp. 58-62

Lockhart PB, 2013, Oral medicine and medically complex patients, 6th ed., John Wiley & Sons, Inc., UK, pp. 219-239.

Machado JL, Assunção AKM, Silva MCP, Reis AS, Costa GC, Arruda DS, Rocha BA, Vaz MMOLL, Paes AMA, Guerra RNM, Berretta AA, and Nascimento FRF, 2012, Brazilian Green Propolis: Anti-Inflammatory Property by an Immunomodulatory Activity, Evidence-Based Complementary and Alternative Medicine, pp. 01-11.

Malone M, Tsai G, 2016, Wound healing with Apitherapy: A Review of the Effects of Honey, Journal of Apitherapy, Vol. 1, No. 1, p. 29 - 32.

Martinotti S, Ranzato E, 2015, Propolis: a new frontier for wound healing?, Burns & Trauma, Vol. 3, No. 9, p. 1 - 7.

Myers SL, Curran AE, 2014, by General and oral pathology for dental hygiene practice, F. A. Davis Company, USA., p. 32 - 39.

Noble S, 2012, Clinical textbook of dental hygiene and therapy, 2nd ed., John Wiley & Sons, Ltd., UK, pp 32-41.

Purkait SK, 2011, Essentials of Oral Pathology, 3rd Ed., Jaypee Brothers Medical Publishers (P) Ltd., India.

Purwanto B, Liben P, 2014, Model Hewan Coba untuk Penelitian Diabetes, Surabaya: PT Revka Petra Media, p. 27 - 30.

Regezi JA, Sciubba JJ, Jordan RCK, 2012, Oral pathology : clinical pathologic correlations, 6th ed., Elsevier Inc., USA, pp. 22-26.

Sampietro DA, Vattuone MMS, Vattuone MA, 2016, Immunomodulatory activity of Apis mellifera propolis from the North of Argentina, Food Science and Technology, Vol. 70, p. 9 -15.

Sajjad A, Mehmood Z, Shah SH, Siddiqi AR, 2015, Possible molecular targets for therapeutic applications of caffeic acid phenethyl ester in inflammation and cancer, Journal of food and drug analysis, Vol. 23, pp. 11-18.

- Sforcina JM, Bankovab V, 2011**, Propolis: Is there a potential for the development of new drugs?, *Journal of Ethnopharmacology*, Vol. 133, pp. 253–260.
- Shah A and Amini-Nik S, 2017**, The Role of Phytochemicals in the Inflammatory Phase of Wound Healing, *Int. J. Mol. Sci.*, Vol. 18, No. 1068, pp. 01-17.
- Smith JB, and Mangkoewidjojo S, 1988**, *Pemeliharaan Pembiakan dan Penggunaan Hewan Percobaan di Daerah Tropis*, Penerbit Universitas Indonesia, Jakarta, pp. 30-57.
- Venkataraman BK, Iyengar AR, Ganapathy KS, Mohan CV, Nagesh KS, 2013**, *Diagnostic Oral Medicine*, 1st ed., Wolters Kluwer Health, India, pp. 146-147.
- Wagh VD, 2013**, Propolis: A Wonder Bees Product and Its Pharmacological Potentials, *Advances in Pharmacological Sciences*, pp. 01-12.
- Wang LC, Chu KH, Liang YC, Lin YL and Chiang BL, 2010**, Caffeic acid phenethyl ester inhibits nuclear factor-kB and protein kinase B signalling pathways and induces caspase-3 expression in primary human CD4+ T cells, *Clinical and Experimental Immunology*, Vol. 160, pp. 223–232.
- Zaccaria V, Curti V, Di Lorenzo A, Baldi A, Maccario C, Sommatitis S, Mocchi R and Daglia M, 2017**, Effect of Green and Brown Propolis Extracts on the Expression Levels of microRNAs, mRNAs and Proteins, Related to Oxidative Stress and Inflammation, *Nutrients*, Vol. 9, No. 1090, pp. 01-17.
- Al-awar A , Kupai K ,Veszeka M, Szűcs G, Attieh Z, Murlasits Z, Török S, Pósa A, and Varga C, 2016**, Experimental Diabetes Mellitus in Different Animal Models, *Journal of Diabetes Research*, pp. 01-12.
- Lukačínová A , Hubková B , Rácz O and Ništiar F, 2013**, Animal Models for Study of Diabetes Mellitus, *InTech.*, pp. 229-254.
- King AJF, 2012**, The use of animal models in diabetes research, *British Journal of Pharmacology*, Vol. 166, pp. 877–894.
- Franco NH, 2013**, Animal Experiments in Biomedical Research: A Historical Perspective, *Animals*, Vol. 3, pp. 238-273.
- Von Herrath M, Nepom GT, 2009**, Animal models of human type 1 Diabetes, *Nature Immunol.*, Vol. 10, No. 2, pp. 129–132. ISSN 1529-2908
- Kusumawati D, 2004**, *Biologi Hewan Coba Bersahabat dengan Hewan Coba*. Gajah Mada University Press, pp. 22-25.

Santos VR, 2012, Propolis: Alternative Medicine for the Treatment of Oral Microbial Diseases, pp. 133-169. Submitted: May 9th 2012 Reviewed: October 2nd 2012 Published: December 18th 2012 InTech