



DAFTAR PUSTAKA

- Almuhayawi, M. S., (2020) Propolis as a novel antibacterial agent. *Saudi Journal of Biological Sciences*. 27(11): 3079–3086.
- Arbab, S., Ullah, H., Weiwei, W., Wei, X., Ahmad, S. U., Wu, L., dan Zhang, J., (2021) Comparative study of antimicrobial action of aloe vera and antibiotics against different bacterial isolates from skin infection. *Veterinary Medicine and Science*, 7(5): 2061–2067.
- Aslani, A., Zolfaghari, B., dan Davoodvandi, F., (2016) Design, formulation and evaluation of an oral gel from *Punica granatum* flower extract for the treatment of recurrent aphthous stomatitis. *Advanced Pharmaceutical Bulletin*, 6(3): 391–398.
- Balouiri, M., Sadiki, M., dan Ibnsouda, S. K., (2016) Methods for in vitro evaluating antimicrobial activity: A review. *Journal of Pharmaceutical Analysis*, 6(2): 71–79.
- Bani, K. S., dan Bhardwaj, K., (2021) Topical Drug Delivery Therapeutics, Drug Absorption and Penetration Enhancement Techniques. *Journal of Drug Delivery and Therapeutics*, 11(4): 105–110.
- Bathla, S. (2017). *Textbook of Periodontics*. 1st ed. New Delhi: Jaypee Brothers Medical Publishers. pp.73-74,84-85,147-150.
- Brookes, Z. L. S., Bescos, R., Belfield, L. A., Ali, K., dan Roberts, A, (2020) Current uses of chlorhexidine for management of oral disease: a narrative review. *Journal of Dentistry* 103: 1-9
- Chen, Y., Shi, T., Li, Y., Huang, L., dan Yin, D, (2022) *Fusobacterium nucleatum*: The Opportunistic Pathogen of Periodontal and Peri-Implant Diseases. *Frontiers in Microbiology* 13:1-12.
- Coelho Pamplona-Zomenhan, L., Coelho Pamplona, B., Barreto Da Silva, C., Marcucci, M. C., Mara, L., dan Mimica, J., (2011). Evaluation Of The In Vitro Antimicrobial Activity Of An Ethanol Extract Of Brazilian Classified Propolis On Strains Of *Staphylococcus Aureus*. *Brazilian Journal of Microbiology*, 42: 1259–1264.
- Sauder, D.C. dan DeMars, C., (2019). An Updated Recommendation for Multiple Comparisons. *Advances in Methods and Practices in Psychological Science*. 2(1): 26-44.
- Diyatri, I., Juliastuti, W. S., Ridwan, R. D., Ananda, G. C., Waskita, F. A., Juliana, N. V., Khansa, S. P., Pratiwi, R. T., dan Putri, C. R., (2023)



Antibacterial effect of a gingival patch containing nano-emulsion of red dragon fruit peel extract on *Porphyromonas gingivalis*, *Aggregatibacter actinomycetemcomitans*, and *Fusobacterium nucleatum* assessed in vitro. *Journal of Oral Biology and Craniofacial Research*, 13(3): 386–391.

Doron, L., Copenhagen-Glazer, S., Ibrahim, Y., Eini, A., Naor, R., Rosen, G., dan Bachrach, G., (2014) Identification and characterization of fusolisin, the *Fusobacterium nucleatum* autotransporter serine protease. *PLOS ONE*, 9(10): 1-13.

Freitas, A. S., Costa, M., Pontes, O., Seidel, V., Proença, F., Cardoso, S. M., Oliveira, R., Baltazar, F., dan Almeida-Aguiar, C., (2022) Selective Cytotoxicity of Portuguese Propolis Ethyl Acetate Fraction towards Renal Cancer Cells. *Molecules*, 27(13): 1-13.

Han, Y. W., (2015) *Fusobacterium nucleatum*: A commensal-turned pathogen. *Current Opinion in Microbiology*, 23: 141–147.

Ikhtiarudin, I., Agistia, N., Frimayanti, N., Harlanti, T., dan Jasril, J., (2020) Microwave-assisted synthesis of 1-(4-hydroxyphenyl)-3-(4-methoxyphenyl)prop-2-en-1-one and its activities as an antioxidant, sunscreen, and antibacterial. *Jurnal Kimia Sains Dan Aplikasi*, 23(2): 51–60.

Kementerian Kesehatan RI, (2019) Laporan Nasional RISKESDAS 2018. *Badan Penelitian dan Pengembangan Kesehatan*. Jakarta. pp. 204. Könönen, E., Gursoy, M., dan Gursoy, U. K., (2019) Periodontitis: A multifaceted disease of tooth-supporting tissues. *J. of Clinical Medicine*. 8(8): 1-12.

Kwon, T. H., Lamster, I. B., dan Levin, L., (2021) Current Concepts in the Management of Periodontitis. *International Dental Journal*. 71(6): 462–476.

Lawrence, R., Tripathi, P., dan Jeyakumar, E., (2009) Isolation, Purification And Evaluation Of Antibacterial Agents From Aloe Vera. *Brazilian Journal of Microbiology*. 40: 906–915.

Mahon, C.R., Lehman, D.C., Manuselis, G., (2014) *Textbook of Diagnostic Microbiology*. 5th ed. New York: Saunders, pp. 317, 523-524.

Marchianti, A. C. N., Sakinah, E. N., Elfiah, U., Putri, N. K. S., Wahyuliswari, D. I., Maulana, M., dan Ulfa, E. U., (2021) Gel formulations of *Merremia mammosa* (Lour.) accelerated wound healing of the wound in diabetic rats. *Journal of Traditional and Complementary Medicine*. 11(1): 38–45.



- Mohammad, C. A., Ali, K. M., Al-rawi, R. A., dan Gul, S. S., (2022) Effects of Curcumin and Tetracycline Gel on Experimental Induced Periodontitis as an Anti-Inflammatory, Osteogenesis Promoter and Enhanced Bone Density through Altered Iron Levels: Histopathological Study. *Antibiotics*. 11(4): 1-14.
- Newman, M. G., Takei, H. H., Klokkevold, P. R., dan Carranza, F. A., (2018) *Newman and Carranza's Clinical Periodontology*. Los Angeles: Elsevier. pp 314-318.
- Pimenta, H. C., Violante, I. M. P., de Muisis, C. R., Borges, Á. H., dan Aranha, A. M. F., (2015) In vitro effectiveness of Brazilian brown propolis against Enterococcus faecalis. *Brazilian Oral Research*. 29(1): 1–6.
- Singh, P., Chauhan, K., Rani, B., Maheshwari, R., dan Chauhan, A. K., (2011) Diverse Therapeutic Applications of Aloe vera Liquid protein formulations View project Diverse Therapeutic Applications of Aloe vera. *Journal of Advanced Scientific Research*. 2(4):4-11.
- Rosmania, dan Yanti, F., (2020). Perhitungan jumlah bakteri di Laboratorium Mikrobiologi menggunakan pengembangan metode Spektrofotometri. Dalam *Jurnal Penelitian Sains*, 22(2):76-86.
- Stähli, A., Schröter, H., Bullitta, S., Serralutzu, F., Dore, A., Nietzsche, S., Milia, E., Sculean, A., dan Eick, S., (2021) In vitro activity of propolis on oral microorganisms and biofilms. *Antibiotics*, 10(9):1-17.
- Suryono, S., Hasmy, N. S., Pertiwi, T. L., dan Benyamin, B., (2017) Propolis 10%-Gel as a Topical Drug Candidate on Gingivitis. *International Journal of Medicine and Pharmacy*. 5(1):12-17.
- Tonetti, M. S., Jepsen, S., Jin, L., dan Otomo-Corgel, J., (2017) Impact of the global burden of periodontal diseases on health, nutrition and wellbeing of mankind: A call for global action. *Journal of Clinical Periodontology*. 44(5): 456–462.
- Vanessa Oliveira, A., Dandlen, S., Leonor Faleiro, M., Pharm Sci, P. J., Luísa Ferreira, A., Nunes, S., Anahi Dandlen, S., da Graça Miguel, M., & Leonor Faleiro, M., (2017) Antibacterial activity of propolis extracts from the south of Portugal. *Pakistan Journal of Pharmaceutical Sciences*. 30(1):1-9.
- Wagh, V. D., (2013) Propolis: A wonder bees product and its pharmacological potentials. *Advances in Pharmacological Sciences*. 20(13):1-11.