

Daftar Pustaka

- Al-Khayri, J. M., Sahana, G. R., Nagella, P., Joseph, B. V., dan Alessa, F. M. 2022. Flavonoids as potential anti-inflammatory molecules. *Molecules*. 27 (9): pp. 1-24.
- Al-Shammari, N. M., Shafshak, S. M., dan Ali, M. S. 2018. Effect of 0.8% hyaluronic acid in conventional treatment of moderate to severe chronic periodontitis. *Journal of Contemporary Dental Practice*. 19 (5): pp. 527–534.
- Aljuanid, M. A., Qaid, H. R., Lashari, D. M., Ridwan, R. D., dan Budi, H. S. 2022. Nano-emulsion of mangosteen rind extract in a mucoadhesive patch for periodontitis regenerative treatment: An in vivo study. *Journal of Taibah University Medical Sciences*. 12 (5): pp. 1658-3612.
- Amelia, R., Sudomo, P., dan Widasari, L. 2010. Perbandingan uji efektivitas ekstrak teh hijau (*Camellia sinensis*) sebagai anti bakteri terhadap bakteri *Staphylococcus aureus* dan *Escherichia coli* secara in vitro. 23(4): pp. 177–182.
- Amsia, H. A. S. 2021. Efek asam hialuronat pada berbagai jenis luka. *Jurnal Penelitian Perawat Profesional*. 3 (2): pp. 269–278.
- Amsyah, U. K., Hatta, M., Tahir, H., Alam, G., dan Asmawati, A. 2019. Expression of IL-10 in *A.actinomycetemcomitans* induced rat treated by purple miana leaves. *Biomedical and Pharmacology Journal*. 12 (4): pp. 2099–2104.
- Anggraini, T. 2018. *Proses dan Manfaat Teh*. Erka. Padang. pp. 1689-1699
- Anjarsari, D. R. 2016. Katekin teh Indonesia : prospek dan manfaatnya. *Kultivasi*. 15 (2): pp. 99–106.
- Arabaci, T., Cicek, Y., Canakci, V., Canakci, C. F., dan Ozgoz, M. 2010. Immunohistochemical and stereologic analysis of NF-κB activation in chronic periodontitis. *European Journal of Dentistry*. 4 (4): pp. 454–61.
- Ariana, D., Kartikorini, N., dan Mardiyah, S. 2021. Profil tanin pada teh seduh dengan paparan suhu penyeduhan yang berbeda. *The Journal of Muhammadiyah Medical Laboratory Technologist*. 4 (1): pp. 111.
- Baratawidjaya, Karnen, G., dan Rengganis, I. 2012. *Imunologi Dasar*. 10 th ed. Badan Penerbit Fakultas Kedokteran Universitas Indonesia. Jakarta. pp. 469-475.
- Berg, D. J., Zhang, J., V., W. J., F., I. H., dan Earle, K. A. 2006. *Rapid Development Of Colitis In Nsaid-Treated IL-10-Deficient Mice*. 5th ed. W.H Freeman and Company. San Fransisco. pp. 1527-1542
- Darlina, dan Nurhayati. 2015. Respon Interferon Gamma Terhadap Plasmodium Falciparum Radiasi pada Klutur Sel Limfosit Manusia, *Prosiding Seminar*

- Nasional Keselamatan Kesehatan Dan Lingkungan Dan Pengembangan Teknologi Nuklir.* 25 Agustus. Batan. pp. 265–272.
- Dinkes. 2019. *Profil Kesehatan Provinsi Jateng Tahun 2019*. Dinas Kesehatan Provinsi Jawa Tengah. Semarang
- Dubey, P., dan Mittal, N. 2020. Periodontal diseases- A brief review. *International Journal of Oral Health Dentistry*. 6 (3): pp. 177–187.
- Effendi, D. S., Syakir, M., Yusron, M., dan Wiratno. 2016. *Budidaya Dan Pasca Panen Teh*. Budidaya dan pasca panen teh. Bogor. pp. 71-77
- Febyan, F., Wijaya, S. H., Tannika, A., dan Hudyono, J. 2020. Peranan Sitokin pada Keadaan Stres sebagai Pencetus Depresi. *Jurnal Penyakit Dalam Indonesia*. 6 (4): pp. 210.
- Gehrig, J. S., Shin, D. E., dan Willmann, D. E. 2019. *Foundations of Periodontics for The Dental Hygienist*. 5 th ed. Wolters Kluwer. China. pp. 1-33
- Gerits, E., Verstraeten, N., dan Michiels, J. 2017. New approaches to combat *Porphyromonas gingivalis* biofilms. *Journal of Oral Microbiology*. 9 (1). pp. 1-7
- Hidayah, N. 2016. Pemanfaatan senyawa metabolit sekunder tanaman (tanin dan saponin) dalam mengurangi emisi metan ternak ruminansia. *Jurnal Sain Peternakan Indonesia*. 11 (2): pp. 89–98.
- Jeneta, G., Jacob, C., dan Devi, S. 2018. Role of interleukin 10 as an anti-inflammatory cytokine in periodontal infection. *Drug Invention Today*. 10 (5): pp. 3851–3855.
- Kala, B., Gunjan, C., Disha, N., dan Shobha, P. 2015. Treatmen of periodental disease. *International Journal of Pharmaceutical Sciences Review and Research*. 33 (2): pp. 126–136.
- Riset Kesehatan Dasar (Riskesdas). 2018. Badan Penelitian dan Pengembangan Kesehatan Kementerian RI Tahun 2018.
- Kurnia, P. A., Ardhiyanto, H., dan Suhartini. 2015. Potensi ekstrak teh hijau (*Camellia sinensis*) terhadap peningkatan jumlah sel fibroblas soket pasca pencabutan gigi pada tikus wistar. *Jurnal Pustaka Kesehatan*. 3 (1): pp. 122–127.
- Kurniawan, A. A., Pramaeswari, A. S., dan Laksitasari, A. 2018. Kajian Kasus: Periodontitis Kronis pada Pasien dengan Riwayat Diabetes Melitus. Program Spesialis Periodonsia Universitas Jenderal Soedirman. Purwokerto. pp. 30–33.
- Lee, M. S., Hwang, Y. S., Lee, J., dan Choung, M. G. 2014. The characterization of caffeine and nine individual catechins in the leaves of green tea (*Camellia sinensis L.*) by near-infrared reflectance spectroscopy. *Food Chemistry*. 158: pp. 351–357.

- Mahmood, T., Akhtar, N., dan Khan, B. A. 2010. The morphology, characteristics, and medicinal properties of *Camellia sinensis* tea. *Journal of Medicinal Plants Research.* 4 (19): pp. 2028–2033.
- Marsh, P. D., Lewis, M. A., Rogers, H., Williams, D. W., dan Wilson, M. 2016. Marsh and Martin's Oral Microbiology-E-Book. 6th ed. Elsevier Health Sciences. pp.2901-2909
- Martono, B., dan Setiyono, R. T. 2014. Skrining fitokimia enam genotipe teh. *Jurnal Tanaman Industri Dan Penyegar.* 1 (2): pp. 63.
- Mohan, M., Jeevanandan, G., dan Mithun Raja, S. 2018. The role of green tea in oral health. *Asian Journal of Pharmaceutical and Clinical Research.* 11 (4): pp. 1–3.
- Mondal, M., dan De, S. 2018. Enrichment of epigallocatechin gallate (EGCG) from aqueous extract of green tea leaves by hollow fiber microfiltration: Modeling of flux decline and identification of optimum operating conditions. *Separation and Purification Technology.* 206 (5): pp. 107–117.
- Namita, P., Mukesh, R., dan Vijay, K. J. 2012. *Camellia sinensis:* A review. *Global Journal of Pharmacology.* 6 (2): pp. 52–59.
- Newman, M. G., Takei, H. H., Klokkevold, P. R., dan Carranza, F. A. 2019. *Newman And Carranza's Clinical Periodontology.* 13th ed. Elsevier. Philadelphia. pp. 2207-2220
- Nurniza, N., Hendiani, I., dan Komara, I. 2020. Pengaruh aplikasi gel teh hijau (*Camellia sinensis*) terhadap kadar total antioxidant capacity (TAOC) sebagai perawatan tambahan dari skeling dan root planing pada pasien dengan periodontitis kronis. *Jurnal Kedokteran Gigi Universitas Padjadjaran.* 32 (2): pp. 156.
- Papapanou, P. N., Sanz, M., Buduneli, N., Dietrich, T., dan Feres, M. 2018. Periodontitis: Consensus report of workgroup 2 of the 2017 world workshop on the classification of periodontal and peri-implant diseases and conditions. *Journal of Clinical Periodontology.* 45(20): pp. 162–170.
- Popova, C., Dosseva-Panova, V., dan Panov, V. 2013. Microbiology of periodontal diseases. A review. *Biotechnology and Biotechnological Equipment.* 27 (3): pp. 3754–3759.
- Prasetyaningrum, N., Soemardini, dan Fadillah, M. N. 2018. Efek ekstrak daun teh hijau (*Camellia sinensis*) terhadap sel osteoklas tulang alveolar tikus putih (*Rattus norvegicus*). *E-Prodenta Journal of Dentistry.* 2 (1): pp. 1–13.
- Pratiwi, E. W., Praharani, D., dan Mahdiyah, Y., Gigi, F. K., Jember, U. 2015. Daya hambat ekstrak daun pepaya (*Carica papaya L.*) terhadap adhesi bakteri *Porphyromonas gingivalis* pada Neutrofil. 3 (2): pp. 196–197.
- Purwanto, D. A., Darmawati, A., dan Purwaningsih, P. 2017. The impact of green

tea on blood fluidity improvement and weight loss. *Jurnal NERS*. 9 (1): pp. 1-7

- Putri, B. R. 2020. Pengaruh Pemberian Gel Ekstrak Etanolik Teh Hijau (*Camellia sinensis*) Terhadap Kadar Interleukin-17 Gingiva Tikus Sprague dawley Model Periodontitis Kronis. *Tesis*. Program Spesialis Periodonsia Universitas Jenderal Soedirman. Purwokerto. (Tidak dipublikasikan).
- Putri, C. F., dan Bachtiar, E. W. 2020. *Porphyromonas gingivalis* dan patogenesis disfungsi kognitif: analisis peran sitokin neuroinflamasi. *Cakradonya Dental Journal*. 12 (1): pp. 15–23.
- Rady, I., Mohamed, H., Rady, M., Siddiqui, I. A., dan Mukhtar, H. 2018. Cancer preventive and therapeutic effects of EGCG, the major polyphenol in green tea. *Egyptian Journal of Basic and Applied Sciences*. 5 (1): pp. 1–23.
- Rahayu, R. P., Prasetyo, R. A., Purwanto, D. A., Kresnoadi, U., dan Iskandar, R. P. D. 2018. The immunomodulatory effect of green tea (*Camellia sinensis*) leaves extract on immunocompromised Wistar rats infected by *Candida albicans*. *Veterinary World*. 11 (6): pp. 765–770.
- Rahmania, R., Epsilawati, L., dan Rusminah, N. 2019. Densitas tulang alveolar pada penderita periodontitis kronis dan periodontitis agresif melalui radiografi. *Jurnal Radiologi Dentomaksilosial Indonesia (JRDI)*. 3 (2): pp. 7.
- Ramadhani, Y., Rahmasari, R. R. P., Prajnasari, K. N., Alhakim, M. M., dan Aljunaid, M. 2022. A mucoadhesive gingival patch with Epigallocatechin-3-gallate green tea (*Camellia sinensis*) as an alternative adjunct therapy for periodontal disease: A narrative review. *Dental Journal (Majalah Kedokteran Gigi)*. 55 (2): pp. 114–119.
- Reto, M., Almeida, C., Rocha, J., Sepedes, B., dan Figueira, M. 2014. Green tea (*Camellia sinensis*) hypocholesterolemic effects in humans and anti-inflammatory effects in animals. *Food and Nutrition Sciences*. 5 (22): pp. 2185–2194.
- Reygaert, W. C. 2017. An update on the health benefits of green tea. *Beverages*. 3 (1): pp. 9–12.
- Saraiva, M., dan O'Garra, A. 2010. The regulation of IL-10 production by immune cells. *Nature Reviews Immunology*. 10 (3): pp. 170–181.
- Sari, R., Prayitno, dan Fadhilah, A. 2016. Snp G-1082A gen IL-10: distribusi alel dan genotip pada pasien periodontitis di Yogyakarta. *Dentika Dental Journal*. 19(2): pp. 117–120.
- Sato, Y., Ohshima, T., dan Kondo, T. 1999. Regulatory role of endogenous Interleukin-10 in cutaneous inflammatory response of murine wound healing. *Biochemical and Biophysical Research Communications*. 265 (1): pp. 194–199.

- Shaharudin, A. 2017. Systematic Review of The Efectiveness and Tolerability of Hyaluronic Acid For Acute And Chronic Wounds. *Tesis*. Faculty of Medicine University of Malaya. Kuala Lumpur
- Sharma, Swati, Bhuyan, L., Ramachandra, S., Sharma, Smriti, dan Dash, K. C. 2017. Effects of green tea on periodontal health: A prospective clinical study. *Journal of International Oral Health*. 9 (2): pp. 39–44.
- Sidiqa, A. N., dan Herryawan, H. 2017. Efektifitas gel daun sirih merah (*Piper crocatum*) pada perawatan periodontitis kronis. *Kartika Jurnal Ilmiah Farmasi*. 5 (1): pp. 1–6.
- Steen, E. H., Wang, X., Balaji, S., Butte, M. J., dan Bollyky, P. L. 2020. The role of the anti-inflammatory cytokine Interleukin-10 in tissue fibrosis. *Advances in Wound Care*. 9 (4): pp. 184–198.
- Tamara, A., Oktiani, B. W., dan Taufiqurrahman, I. 2019. Pengaruh ekstrak flavonoid propolis kelulut (*G.thoracica*) terhadap jumlah sel netrofil pada periodontitis (Studi in vivo pada tikus wistar (*Rattus norvegicus*) jantan). *Dentin*. 3 (1): pp. 10–16.
- Towaha, J., dan Balittri. 2013. Kandungan senyawa kimia pada daun teh (*Camellia sinensi*). *Warta Penelitian dan Pengembangan Tanaman Industritian*. 19 (3) : pp. 12–16.
- Wang, T. yang, Li, Q., dan Bi, K. shun. 2018. Bioactive flavonoids in medicinal plants: Structure, activity and biological fate. *Asian Journal of Pharmaceutical Sciences*. 13 (1): pp. 12–23.
- Wein, S., Beyer, B., Gohlke, A., Blank, R., dan Metges, C. Cd. 2016. Systemic absorption of catechins after intraruminal or intraduodenal application of a green tea extract in cows. *Plos one*. 11 (7): pp. 1-17
- Widjiastuti, I., Setyabudi, S., Ismiyatih, K., Purwanto, D. A., dan Sukmawati, T. 2020. Effect of hydrogel epigallocatechin-3-gallate (EGCG) to the number of fibroblast cell proliferation in the perforation of wistar rat tooth pulp. *Conservative Dentistry Journal*. 9 (2): pp. 93.
- Wu, D., Wang, J., Pae, M., dan Meydani, S. N. 2012. Green tea EGCG, T cells, and T cell-mediated autoimmune diseases. *Molecular Aspects of Medicine*. 33 (1): pp. 107–118.
- Zhang, L., Ho, C. T., Zhou, J., Santos, J. S., dan Armstrong, L. 2019. Chemistry and biological activities of processed *Camellia sinensis* teas. *Comprehensive Reviews in Food Science and Food Safety*. 18 (5): pp. 1474–1495.
- Zhang, P., Liu, J., Xu, Q., Harber, G., dan Feng, X. 2011. TLR2-dependent modulation of osteoclastogenesis by *Porphyromonas gingivalis* through differential induction of NFATc1 and NF-κB. *Journal of Biological Chemistry*. 286 (27): pp. 24159–24169.