

DAFTAR PUSTAKA

- Akdis CA, Akdis MA. 2009 Mechanisms and treatment of allergic disease in the big picture of regulatory T cells. *J Allergy Clin Immunol*;123:735-746.
- Anjarsari IRD. 2016. Katekin teh Indonesia : prospek dan manfaatnya. *Jurnal Kultivasi* 15(2).
- Azam, S., Jakaria, M., Kim, I.S., Kim, J., Haque, M.E. and Choi, D.K., 2019. Regulation of Toll-Like Receptor (TLR) Signaling Pathway by Polyphenols in the Treatment of Age-Linked Neurodegenerative Diseases: Focus on TLR4 Signaling. *Frontiers in immunology*, 10.
- Baldión, P. A., Velandia-Romero, L., M., & Castellanos, J. E. (2018). Odontoblast-Like Cells Differentiated from Dental Pulp Stem Cells Retain Their Phenotype after Subcultivation. *International Journal of Cell Biology*, 25(10), 12. <https://doi.org/10.1557/mrs2000.191>
- Bergenholtz, G., Reit, C., and Hørsted-Bindslev, P., 2010. Introduction to endodontology. *Textbook of endodontology. 2nd ed. Wiley-Blackwell*, pp.3-7.
- Bogen G, Kim JS, Backland LK. 2008. *Direct Pulp Capping with Mineral Trioxide Aggregate. The Journal of American Dental Association*; 139; 305-315
- Carmen Cabrera (2006). Beneficial Effects of Green Tea - A Review. *Journal of the American College of Nutrition*. Vol 25. No.2, 79-99.

- Cohen, S., Hargreaves, K.M. and Berman, L.H., 2011. *Cohen's pathways of the pulp*. 10th ed., Mosby Elsevier.
- Chaturvedula VSP, Prakash I. 2011 The aroma, taste, color, and bioactive constituents of tea. *Journal of Medicinal Plants Research* 5(11).
- Dalle-Donne I, et al. 2006. Biomarker of oxidative damage in human disease. *Clin. Chem.* 52(4) : 601-623.
- Dhawan V. 2014. *Reactive oxygen and nitrogen species : general consideration*. Springer : 27-47.
- Feniouk BA & Skulachev VP. 2017. Cellular and molecular mechanisms of action of mitochondria-targeted antioxidants. *Curr. Aging. Sci.* 10(1): 41-48.
- Fapohunda & Afolayan, 2012. Fermentation of cocoa beans and antimicrobial potentials of the pod husk phytochemicals. *Journal or Physiology and Pharmacology Advances*, 2(3) : 158-164.
- Forrester SJ, et al. 2018. Reactive Oxygen Species in metabolic and inflammatory signaling. *Circulation Research* : 877-902.
- Francisconi LF., FreitasAP., Scaffa MC., Mondelli RF., Francisconi AS 2009. Water sorption and solubility of different Calcium Hydroxide Cements. *J Appl Oral Sci* 427 – 31
- Goldberg, M., Farges, J.C., Lacerda-Pinheiro, S., Six, N., Jegat, N., Decup, F., Septier, D., Carrouel, F., Durand, S., Chaussain-Miller, C. and DenBesten, P., 2008. Inflammatory and immunological aspects of dental pulp repair. *Pharmacological Research*, 58(2), pp.137-147.

Gonzalez AC, Costa TG, Andrade ZA, Medrado ARAP.
Wound healing- A literature review. *An Bras Dermatol*
2016 ; 91(5):614-20.

Hargreaves KM, Cohen S. 2011. *Cohens Pathways Of The Pulp*, Tenth Edition. St
Louis, Missouri. Mosby Elsevier. PP 463 - 473

Hartupee, J., & Douglas, L. M. (2016). Role of Inflammatory Cells in Fibroblast
Activation. *J Mol Cell Cardiol*, 93(1), 143–148.
<https://doi.org/10.1016/j.physbeh.2017.03.040>

He, G. and George, A., 2004. Dentin matrix protein 1 immobilized on type I
collagen fibrils facilitates apatite deposition in vitro. *Journal of Biological
Chemistry*, 279(12), pp.11649-11656.

Hope S, *Eur J Clin* 2006. Influence of tea drinking on manganese intake,
manganese status, and leucocyte expression of MnSOD and Cytosolic
aminopeptidase P.

Hajiaghaalipour F, et al. 2013. The effect of *Camellia sinensis* on wound healing
potential in an animal model. *Evidence-Based Complementary and
Alternative Medicine* : 2013.

Hii CL, et al. 2009. Polyphenols in cocoa (*Theobroma cacao* L.). *Asian Journal of
Food and Agro-Industry*, 2(4): 702-722.

Izzudin AFA, Nurkesuma A. 2015. The potential of cocoa (*Theobroma cacao* L.)
pods extract in periodontal dressing to rabbit gingival wound healing.
Scientific Cooperations Medical Workshop.

- Izzuddin, A.F.A. and NurNesuma, A., 2015. The Potential Of Cocoa (Theobroma Cacao L.) Pods Extract In Periodontal Dressing To Rabbit Gingival Wound Healing. *Scientific Cooperations Medical Workshop.C COOP*, p.58.
- Jane V. Higdon & Balz frei 2017 Tea catechins and polyphenols: health effects, metabolism, and antioxidant functions pp 89 – 143
- Jung, I. H., Lee, D. E., Yun, J. H., Cho, A. R., Kim, C. S., You, Y. J., ... Choi, S. H. (2012). Anti-inflammatory effect of (-)-epigallocatechin-3-gallate on porphyromonas gingivalis lipopolysaccharide-stimulated fibroblasts and stem cells derived from human periodontal ligament. *Journal of Periodontal and Implant Science*. <https://doi.org/10.5051/jpis.2012.42.6.185>
- Kaur, P. and Kakar, V., 2014. Collagen: role in oral tissues. *Int. J. Sci. Res.*, 3(5), pp.273-276
- Kalinina EV, et al. 2014. Role of glutathione, glutathione transferase, and glutaredoxin in regulation of redox-dependent processes. *Biochemistry* 79(13) : 1562-83.
- Kurnia PA, et al. 2015. Potensi ekstrak teh hijau (*Camellia sinensis*) terhadap peningkatan jumlah sel fibroblas soket pasca pencabutan gigi pada tikus wistar. *e-Jurnal Pustaka Kesehatan* 3(1).
- Lin, S. Y., Kang, L., Wang, C. Z., Huang, H. H., Cheng, T. L., Huang, H. T., ... Chen, C. H. (2018). (-)-Epigallocatechin-3-gallate (EGCG) enhances osteogenic differentiation of human bone marrow mesenchymal stem cells. *Molecules*, 23(12). <https://doi.org/10.3390/molecules23123221>

- Liu, J., Lu, Y., Liu, J., Jin, C., Meng, Y., & Pei, D. (2019). Influence of epigallocatechin-3-gallate in promoting proliferation and osteogenic differentiation of human periodontal ligament cells. *BMC Oral Health*, *19*(1), 1–10. <https://doi.org/10.1186/s12903-019-0768-7>
- Liu, Q., Ma, Y., Wang, J., Zhu, X., Yang, Y., & Mei, Y. (2017). Demineralized bone matrix used for direct pulp capping in rats. *PLoS ONE*, *12*(3), 1–13. <https://doi.org/10.1371/journal.pone.0172693>
- Mah, Y. J., Song, J. S., Kim, S. O., Lee, J. H., Jeon, M., Jung, U. W., ... Choi, H. J. (2014). The effect of epigallocatechin-3-gallate (EGCG) on human alveolar bone cells both in vitro and in vivo. *Archives of Oral Biology*. <https://doi.org/10.1016/j.archoralbio.2014.02.011>
- Mahmood et al., 2010 T. Mahmood, N. Akhtar, B.A. Khan, H.M.S. Khan, T. Saeed Outcomes of 3% green tea emulsion on skin sebum production in male volunteers Bosn. J. Basic Med. Sci., 10 (2010), pp. 260-264
- Mooduto L. 2012. *Respon Imun Pada Inflamasi Jaringan Pulpa*. Surabaya. Revka Petra Media
- Mulyatni, A.S., Budiani, A. And Taniwiryono, D., 2016. Aktivitas antibakteri ekstrak kulit buah kakao (*Theobroma cacao* L.) terhadap *Escherichia coli*, *Bacillus subtilis*, dan *Staphylococcus aureus*. *E-Journal Menara Perkebunan*, *80*(2).
- Maligan JM, et al. 2016. Produksi dan identifikasi senyawa antimikroba dari mikroalga *Tetraselmis chuii* dengan metode UAE (kajian jenis pelarut dan jumlah siklus ekstraksi). *Jurnal Teknologi Pertanian* *17*(3): 203-213.

- Mohammadi Z, Dummer PMH. 2011. Properties and applications of calcium hydroxide in endodontics and dental traumatology. *International Endodontic Journal* 44 : 697-730.
- Nofitahesti I. 2014. Kandungan polifenol sebagai potensi kulit buah dan salut biji kakao (*Theobroma cacao* L.) sebagai antioksidan. Skripsi. Fakultas Biologi UGM : Yogyakarta.
- Parolia Abhisek, Thomas MS. Kundabala M, Mohan M 2010. Propolis and its potential uses in oral health *International Journal of Medicine and Medical Sciences* 2 (7): 210 – 215
- Pei F, Lin H, Liu H, Li L, Zhang L, Chen Z. 2015. Dual role of autophagy in lipopolysaccharide-induced preodontoblastic cells. *J Dent Res.* 94(1):175–182.
- Park S, et al. 2015. Inflammation of the dental pulp. *Mediators of Inflammation* :2015
- Perva-Uzunalic A, et al. 2006. Extraction of active ingredients from green tea (*Camellia sinensis*): extraction efficiency of major catechins and caffeine. *Food Chemistry* 96: 597-605.
- Phaniendra A, et al. 2014. Free radicals : properties, sources, targets, and their implication in various disease. *Ind J Clin Biochem* 30(1):11-26.
- Rodriguez-Ramiro I, et al. 2011. Procyanidin B2 induces Nrf2 translocation and glutathione-S-transferase P1 expression via ERKs and p38-MAPK pathways and protect human colonic cells against oxidative stress. *Eur J Nutr.*

- Rachmawaty et al. 2018. Active compounds extraction of cocoa pod husk (*Theobroma cacao* L.) and potential as fungicides. *J. Phys : Conf Ser.*
- R, S., U.S., M. R., P.Sumathi, & Gunalan, G. (2010). A comparative Study phytochemical analysis of cocoa and green tea. *Indian Journal of Science and Technology*, 3(2), 188–192.
- Robertson TM, Heyman HO, Swift EJ. Sturdevant's Art and Science of Operative Dentistry. 5th ed St. Louis : Mosby Inc Pp. 24
- Sartini, Rangga M, Ismail 2017 Pengaruh pra perlakuan sebelum pengeringan sinar matahari dari kulit buah kakao terhadap kadar komponen fenolik dalam ekstrak pp 15-20
- Saryono, 2013. Potensi teh hijau dalam penyembuhan luka : sistematik review. Prosiding konferensi nasional ppni jawa tengah.
- Subhashini R, et al. 2010. A comparative phytochemical analysis of cocoa and green tea. *Indian Journal of Science and Technology* 3(2) : 188-192.
- Torabinejad Mahmoud, walton E Richard, 20012. Endodontics Principles and Practice, 4 Edition. Singapore. Elsevier
- Torabinejad, M., Fouad, A., & Walton, R. E. (2014). *Endodontics-e-book: Principles and practice*. Elsevier Health Sciences.
- Vishwakarma, A., Sharpe, P., Shi, S., & Ramalingam, M. 2015. An introduction to stem cell biology and tissue engineering. In *Stem Cell Biology and Tissue Engineering in Dental Sciences* (pp. 1-13). Academic Press.

Williams LD, et al. 2019. Effect of substrate stiffness on dental pulp stromal cells in culture. *J Biomed Mater Res A*, 106(7): 1789-1797.

Weisburg, J. H., Weissman, D. B., Sedaghat, T., & Babich, H. (2004). In vitro Cytotoxicity of Epigallocatechin Gallate and Tea Extracts to Cancerous and Normal Cells from the Human Oral Cavity. *Pharmacology and Toxicology*.
https://doi.org/10.1111/j.1742-7843.2004.pto_950407.x

Wei X, et al. 2008. Differentially expressed protein profile of human dental pulp cells in the early process of odontoblast-like differentiation in vitro. *J. Endod* 34 : 1077-1084.

Zhong S. 2012. Differential expression of micrnas in normal and inflamed human pulps. *J. Endod* 38 : 746-752