

DAFTAR PUSTAKA

1. Pham-Huy LA, He H, Pham-Huy C. Free radicals, antioxidants in disease and health. *Int J Biomed Sci IJBS*. 2008;4(2):89–96.
2. Michiels C. Physiological and pathological responses to hypoxia. *Am J Pathol*. 2004;164(6):1875–82.
3. Sherwood L, Fisiologi manusia dari sel ke sistem. 8th ed. Jakarta: Penerbit Buku Kedokteran EGC; 2016
4. Chandel NS, McClintock DS, Feliciano CE, Wood TM, Melendez JA, Rodriguez AM, dkk. Reactive oxygen species generated at mitochondrial complex III stabilize hypoxia-inducible factor-1 α during hypoxia a mechanism of O₂ sensing. *J Biol Chem*. 2000;275(33):25130–8.
5. Ozcan A, Ogun M. Biochemistry of Reactive Oxygen and Nitrogen Species. In: Gowder SVJT, editors. Basic principles and clinical significance of oxidative stres. InTech; 2015. p37-58
6. Debevec T, Millet GP, Pialoux V. Hypoxia-induced oxidative stress modulation with physical activity. *Front Physiol*. 13 Februari 2017 (cited:2017 November 22);8:Avaiable from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5303750/>
7. Slavin JL, Lloyd B. Health benefits of fruits and vegetables1. *Adv Nutr*. 2012;3(4):506–16.
8. Frijhoff J, Winyard PG, Zarkovic N, Davies SS, Stocker R, Cheng D, dkk. Clinical relevance of biomarkers of oxidative stres. *Antioxid Redox Signal*. 2015;23(14):1144–70.
9. Vinita Bisht N, Johar V. Bael (Aegle marmelos) Extraordinary species of India: a review. *Int J Curr Microbiol Appl Sci*. 2017;6(3):1870–87.
10. Biddle Chuck. Oxygen: the two-faced elixir of life. *AANA Journal Course*.2008 (cited 2017 December 6);76(1): Avaiable from: https://www.aana.com/docs/default-source/aana-journal-web-documents-1/jcourse0208_p61-68.pdf?sfvrsn=348548b1_4
11. Sarkar M, Niranjana N, Banyal P. Mechanisms of hypoxemia. *Lung India Off Organ Indian Chest Soc*. 2017;34(1):47–60.

12. Porth C. Essentials of Pathophysiology: Concepts of altered health states. Lippincott Williams & Wilkins; 2011. 1280 hlm.
13. Samuel J, Franklin C. Hypoxemia and Hypoxia. In: Myers JA, Millikan KW, Sacralides TJ, editors. Common surgical diseases. Springer, New York; 2008 p. 391–4.
14. Martin, Kevin T. Hypoxia : cause and symptoms. Riverside: RC Educational Consulting Services, Inc; 2000.
15. Li S-Y, Fu ZJ, Lo ACY. Hypoxia-induced oxidative stres in ischemic retinopathy. *Oxid Med Cell Longev*. 2012. (cited 8 Desember 2017);2012: Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3483772/>
16. Lobo V, Patil A, Phatak A, Chandra N. Free radicals, antioxidants and functional foods: impact on human health. *Pharmacogn Rev*. 2010;4(8):118–26.
17. Gutteridge JMC, Halliwell B. Free radicals in biology and medicine [Internet]. 5th ed. Oxford University Press; 2015
18. Goyal MM, Basak A. Human catalase: looking for complete identity. *Protein Cell*. 2010;1(10):888–97.
19. Undyala V, Terlecky SR, Vander Heide RS. Targeted intracellular catalase delivery protects neonatal rat myocytes from hypoxia-reoxygenation and ischemia-reperfusion injury. *Cardiovasc Pathol Off J Soc Cardiovasc Pathol*. 2011;20(5):272–80.
20. Clausen A, Doctrow S, Baudry M. Prevention of cognitive deficits and brain oxidative stres with superoxide dismutase/catalase mimetics in aged mice. *Neurobiol Aging*. 2010 ;31(3):425–33.
21. Birben E, Sahiner UM, Sackesen C, Erzurum S, Kalayci O. Oxidative stres and antioxidant defense. *World Allergy Organ J*. 2012;5(1):9–19.
22. Huang W-J, Zhang X, Chen W-W. Role of oxidative stres in Alzheimer’s disease. *Biomed Rep*. 2016;4(5):519–22.
23. S Rajan, M. Gokila, P.Jency, P.Brindha, R.K Sujatha. Antioxidant and phytochemichal properties of aegle marmelos fruit pulp. *International Journal of Current Pharmaceutical Research*. 2011(cited 2017 December 11);3(2): Available from: <http://www.ijcpr.org/Issues/Vol3Issue2/306.pdf>

24. Pereira D, Valentão P, Pereira J, Andrade P. Phenolics: from chemistry to biology. *Molecules*. 2009;14(6):2202–11.
25. Brijesh S, Daswani P, Tetali P, Antia N, Birdi T. Studies on the antidiarrhoeal activity of *Aegle marmelos* unripe fruit: Validating its traditional usage. *BMC Complement Altern Med*. 2009;9:47.
26. Supranto J. Teknik sampling untuk survey dan eksperimen. Jakarta: PT Rineka Cipta; 2000.
27. Iqbal E, Salim KA, Lim LBL. Phytochemical screening, total phenolics and antioxidant activities of bark and leaf extracts *Goniothalamus velutinus* (Airy Shaw) from Brunei Darussalam. *Journal of King Saud University-Science*. 2015;27:224-232.
28. Rebelo MM, Silva JKR da, Andrade EHA, Maia JGS. Antioxidant capacity and biological activity of essential oil and methanol extract of *Hyptis crenata* Pohl ex Benth. *Rev Bras Farmacogn*. 2009;19(1B):230–5.
29. Journal of Food and Drugs Analysis (JFDA). Estimation of total flavonoid content in propolis by two complementary colorimetric methods. (cited 2017 December 12). Available from: <https://www.fda.gov.tw/en/publishjfdalistContent.aspx?id=27>.
30. Blois MS. Antioxidant determinations by the use of a stable free radical. *Nature*. 1958;29:1199-1200.
31. Ved CH, More NS, Bharate SS, Bharate SB. Cytotoxicity screening of selected Indian medicinal plants using brine-shrimp lethality bioassay. *Adv Nat Appl Sci*. 2010;4(3):389–396.
32. Christian W, Warburg O. Isolierung und kristallisation des garungsferments enolase. *Biochem. Z*. 1941; 310:384-421
33. Puspitaningrum R, Lestari AP, Murtiati T. Pengaruh paparan hipoksia terhadap aktivitas antioksidan katalase dan kadar Malondialdehid (MDA) pada jaringan hati tikus. *BIOMA*. 2014;10(2):27.
34. Abdallah IZA, Salem IS, Abd El-Salam NAS. Evaluation of antidiabetic and antioxidant activity of *aegle marmelos* L. Correa Fruit Extract in the Diabetic Rats. *Egypt J Hosp Med*. 2017;67(2):731–41.

35. Behera P, Raj Vennel, Prasad AB, R Basavaraju. A review on Phytochemical and pharmacological values of fruit pulp of aegle marmelos. *Global J Res Med Plants & Indigen Med.* 2014;3;339-348.
36. Diana Victoria T, Kondala Rao K, Antony V Samrot. Antibacterial activity and phytochemical screening of aegle marmelos. *Int J Pharm Bio Sci.* 2014; 5(4):895-902.
37. Manjula A.U, Prema Sampath Kumar. In vitro evaluation of biological activity of aegle marmelos (L.) fruit. *Research Journal of Pharmacy and Technology.* 2016;9(4);407-414.
38. Bristy NJ, Nazmul AHM, Alam KMK. Characterization of antioxidant and cytotoxic potential of methanolic extracts of different parts of Aegle Marmelos (L). *Int J Pharm Sci Res.* 2017;8(3);1476-1484.
39. Rajan S, Gokila M, Jency P, Brindha P, Sujatha RK. Antioxidant and phytochemical properties of Aegle marmelos fruit. *International Journal of Current Pharmaceutical Research.* 2011;3(2);65-70.
40. Thingbaijam R, Dutta BK, Paul SB. In vitro antioxidant capacity, estimation of total phenolic and flavonoid content of ficus auriculata Lour. *International Journal of Pharmacy and Pharmaceutical Sciences.* 2012;4(4);518-521.
41. Lisdawati V, Wiryowidagdo S, Kardono L Broto S. Brine shrimp lethality test (BSLT) dari berbagai fraksi ekstrak daging buah dan kulit biji mahkota dewa (*Phaleria macrocarpa*). *Bul Penel Kesehatan.* 2006;34(3);111-118.
42. Ved CH, More NS, Bharate SS, Bharate SB. Cytotoxicity screening of selected Indian medicinal plants using brine-shrimp lethality bioassay. 2010;7.
43. Rohmah RN, Ratnaningtyas NI, Asnani A. Kajian toksisitas dari tubuh buah *Ganoderma lucidum* dengan metode Brine Shrimp Lethality Test (BSLT). *Scr Biol.* 2014;1(1):32.
44. Michiels C. Physiological and pathological responses to hypoxia. *American Journal of Pathology.* 2004;164(6);1875-1882.
45. Cao C, Leng Y, Liu X, Yi Y, Li P, Kufe D. Catalase is regulated by ubiquitination and proteasomal degradation. Role of the c-Abl and Arg tyrosine kinases. *Biochemistry (Mosc).* 2003;42(35):10348-53.

46. Qiao L, Fu J, Xue X, Shi Y, Yao L, Huang W, dkk. Neuronal injury and roles of apoptosis and autophagy in a neonatal rat model of hypoxia-ischemia-induced periventricular leukomalacia. *Mol Med Rep.* 7 Februari 2018 [dikutip 21 Mei 2018]; Tersedia pada: <http://www.spandidos-publications.com/10.3892/mmr.2018.8570>
47. Terraneo L, Samaja M. Comparative response of brain to chronic hypoxia and hyperoxia. *Int J Mol Sci.* September 2017 [cited 21 Mei 2018];18(9). Available from:<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC5618563/>
48. Yadav OV, Mulla RR, Patel NA, Shende SS, Yankachi SR. Evaluation of *Aegle marmelos* L. fruit extract in reduction of mobile phone induced oxidative stress in mice, *Mus musculus*. 2018;6:8.