

## DAFTAR PUSTAKA

1. Carreau A, Hafny-Rahby BEL, Matejuk A, Grillon C, Kieda C. Why is the partial oxygen pressure of human tissues a crucial parameter? Small molecules and hipoxia. *J Cell Mol Med*. 2011; 15(6): 1239-53
2. Nikmawati EE. Pentingnya Air dan Oksigen bagi Kesehatan Tubuh Manusia. *Jurnal Oksigen*. 2007;76(1):61-68.
3. Dombrowsky P, Racz O. Tissue Hypoxia : Implications of the Respiratory Clinician. *Respir Care*. 2014;59(10)1590-6
4. Alfadda AA, Sallam RM. Reactive Oxygen Species in Health and Disease. *J Biomed Biotechnol*. 2012;98(11):89-92.
5. Parinandi NL, Maulik N, Thirunavukkarasu M, Mcfadden DW. Antioxidants in Longevity and Medicine 2014. *Oxid Med Cell Longev*. 2015;8(10):739
6. Taverne Y JHJ, Bogers Ad JJC, Duncker DJ, Merkus D. Reactive Oxygen Species and the Cardiovascular System. *Oxid Med Cell Longev*. 2013;42(10):15
7. Buonocore D, Grosini M, Giardina S, Michelotti A, Carrabetta M, Seneci A, et al. Bioavailability Study of an Innovative Orobuccal Formulation of Glutathione. *Oxid Med Cell Longev*. 2016;335:143-145.
8. Mandal S, Yadav S, Nema RK. Antioxidants: A review. *JOCPR*. 2009; 1(1): 102-4
9. Rojas QZ, Cansino NC, Ramirez AD, Garcia EA, Morga JA, Lira AQ, et al. Organic Acids, Antioxidants, and Dietary Fiber of Mexican Blackberry (*Rubus fruticosus*). *Residues cv Tupy*. 2018;5950:8
10. Beddle C. Oxygen: the two-faced elixir of life. *AANA journal*. 2008;76(1):17
11. Townley-tilson WHD, Pi X, Xie L. The Role of Oxygen Sensors, Hydroxylases, and HIF in Cardiac Function and Disease. *Oxid Med Cell Longev*. 2012;12(2):127-8
12. Okon IS, Zou MH. Mitochondrial ROS and cancer drug resistance: Implications for therapy. *Pharmacological research*. 2008;761:61-68
13. Duan X, Wen Z, Shen H, Shen M, Chen G. Intracerebral Hemorrhage, Oxidative Stress, and Antioxidant Therapy. *Oxid Med Cell Longev*. 2012;5(1):9-19
14. Sherwood L. *Fisiologi Manusia : Dari sel ke sistem*. jakarta: EGC; 2014;8:320.
15. Ayad MF, Bahannan SA, Rosenstiel SF. Reinforcement of thin-walled root canal structures for placement of esthetic dowels: a clinical report. *Gen Dent*. 2011;15(1):18-21.
16. Santo A, Zhu H, Li YR. Free radical: from health to disease. *Cell med press*. 2016;2(4):245-63.
17. Junqueira LC, Carneiro J. *Histologi dasar*. Jakarta. EGC; 2007;10:198.

18. Zhang M, Shah AM. Reactive oxygen species in heart failure. *Am J Physiol Heart Circ Physiol*. 2011;301(6):181-90.
19. Skrovankova S, Sumczynski D, Mlcek J, Jurikova T, Sochor J. In: *Bioactive Compounds and Antioxidant Activity in Different Types of Berries*. *Int J Mol Sci*. 2015; 16(10): 24673-706
20. Smith JB, Mangkoewidjojo S. *Pemeliharaan, pembiakan, dan penggunaan hewan percobaan di daerah tropis*. Jakarta: Penerbit Universitas Indonesia. 1988; 37:381-384
21. Herlinda Y. Hewan percobaan tikus albino strain wistar di unit penelitian gizi Diponegoro. *Majalah Kedokteran Indonesia*. 1986; 36(11):491-495.
22. Brower M, Grace M, Kotz CM, Koya V. Comparative analysis of growth characteristics of Sprague Dawley rats obtained from different sources. *Lab Anim Res*. 2015;31(4):166.
23. Adiyati PN. Ragam Jenis Ektoparasit pada Hewan Coba Tikus Putih (*Rattus norvegicus*) Galur *Sprague-Dawley*. *Scientific Repository*. 2011;(8):1-7.
24. Mukhriani. Ekstraksi, Pemisahan Senyawa, dan Identifikasi Senyawa Aktif. *Jurnal Kesehatan*. 2014;(7):361-363.
25. Syafitri EN, Bintang M, Falah S. Kandungan Fitokimia, Total Fenol, dan Total Flavonoid Ekstrak Buah Harendong (*Melastoma af ne D. Don*). *Current Biochemistry*. 2014;(3): 105 – 115.
26. Moelyono MW, 1999. *Panduan Praktikum Analisis Fitokimia*. Laboratorium Farmakologi Jurusan Farmasi FMIPA. Universitas Padjajaran. Bandung.
27. Kedare SB, Singh RP. Genesis and development of DPPH method of antioxidant assay. *J Food Sci Technol*. 2011;48(4):412–422.
28. Tiveron AP, Melo PS, Bergamaschi KB, Vieira TM, Regitano-d'Arce MA, Alencar SM. Antioxidant activity of Brazilian vegetables and its relation with phenolic composition. *Int J Mol Sci*. 2012;13(7):8943-57.
29. Ferlemi AV, Lamari F. Berry leaves: An alternative source of bioactive natural products of nutritional and medicinal value. *Antioxidants (Basel)*. 2016;5(2):17.
30. Verma R, Gangrade T, Punasiya R, Ghulaxe C. *Rubus fruticosus* (blackberry) use as an herbal medicine. *Pharmacognosy reviews*. 2014;8(16):101.
31. Buricova L, Andjelkovic M, Cermakova A, Reblova Z, Jurcek O, Kolehmainen E, Verhe R, Kvasnicka F. Antioxidant capacities and antioxidants of strawberry, blackberry and raspberry leaves. *Czech J Food Sci*. 2011;29(2):181-189.
32. Dai J, Mumper RJ. Plant phenolics: extraction, analysis and their antioxidant and anticancer properties. *Molecules*. 2010;15(10):7313-52.
33. Meyer BN, Ferrigni NR, Putnam JE, Jacobsen LB, Nichols DJ, McLaughlin JL. Brine shrimp: a convenient general bioassay for active plant constituents. *Planta medica*. 1982;45(5):31- 4.

34. Bhagat M, Thusoo S. Phytochemical, Cytotoxic and Immunomodulatory Analysis of an Indian Blackberry *Rubus fruticosus*. *Journal of Biologically Active Products from Nature*. 2015;5(5):339-48.
35. Roy A. A Review on the Alkaloids an Important Therapeutic Compound from Plants. *IJPB*. 2017;1:9.
36. Franco R, Cidlowski JA. Apoptosis and glutathione: beyond an antioxidant. *Cell death differ*. 2009;16(10):1303-14.
37. X Long, Lakatta EG, Crow MT. P53 and The Hypoxia-Induced Apoptosis of Cultured Neonatal Rat Cardiac Myocytes. *JCI*. 1997;99(11):2635-43.
38. Fadillah F, Tjakrawidjaja F. Effect of Pomegranate's Extract to Malondialdehyde Level and Rat's Heart Vessel. *Ejournal Kedokteran Indonesia*. 2016;4(1):21-5.
39. Nakano M, Knowlton AA, Dibbs Z, Mann DL. Tumor Necrosis Factor- $\alpha$  Confers Resistance to Hypoxic Injury in the Adult Mammalian Cardiac Myocyte. *Aha Journals*. 1998;97(14):1392-1400.