

DAFTAR PUSTAKA

1. Sherwood L. Fisiologi manusia dari sel ke sistem. 8th ed. Jakarta: Penerbit Buku Kedokteran EGC. 2015; 5:93-94
2. Semenza GL. HIF-1: mediator of physiological and pathophysiological response to hypoxia. *J Appl Physiol*. 2000; 88:1474-80.
3. Haddad JJ. Oxygen sensing mechanism and regulation of redoxresponsive transcription factors in development and physiology. *Respir Res*. 2002; 3:1-27.
4. Dewi S. Ekspresi gen Manganese superoxide dismutase pada jantung, otak dan darah tikus yang diinduksi hipoksia sistemik. *Med J Indonesia*. Jakarta. 2008: 28
5. Valko M, Rhodes CJ, Moncol J, Mazur M. Free radicals, metals, and antioxidants in oxidative stress-induced cancer. *Chemico-Biological Interactions*. 2006; 160:1-40.
6. Silvia FS. Aktivitas Spesifik Katalase Jaringan Jantung Tikus yang Diinduksi Hipoksia Hipobarik Akut Berulang. *FK UI*. Jakarta. 2009; 25:7.
7. Halliwell B, Gutteridge JMC. *Free radicals in biology and medicine*. 4th ed. New York. Oxford University Press. 2007; 256:239
8. Giampieri F, Alvarez-Suarez J, Battino M. Strawberry and human health: Effects beyond antioxidant activity. *J. Agric. Food Chem*. 2014; 3867-3876
9. Giordano FJ. Oxygen, oxidative stress, hypoxia, and heart failure. *Journal of Clinical Investigation*. 2005; 115:500–508
10. Toufektsian MC, Boucher FR, Tangu S, Morel S, De Leiris JG. Cardiac toxicity of singlet oxygen: implication in reperfusion injury. *Antioxidants & Redox Signaling*. 2004; 3(1):63-69
11. Giordano FJ. Oxygen, oxidative stress, hypoxia, and heart failure. *Journal of Clinical Investigation*. 2005; 115:500-508
12. Prabhakar N, Semenza GL. Adaptive and maladaptive cardiorespiratory responses to continuous and intermittent hypoxia mediated by hypoxia-inducible factors 1 and 2. *Physiological Reviews*. 2012; 93(3)967-1003
13. Lalhminghlui K, Jagetia GC. Evaluation of the free-radical scavenging and antioxidant activities of Chilauni, *Schima wallichii* Korth in vitro. *Future Science OA*. 2018; 4:2
14. Petersen R, Reddy M, Liu PR. Advancements in Free-Radical Pathologies and an Important Treatment Solution with a Free-Radical Inhibitor. *SF Journal of Biotechnology and Biomedical Engineering*. 2018; 1(1):1003
15. Allen R, Tresini M. Oxidative stress and gene regulation. *Free Radical Biology and Medicine*. 2000; 28:463-499

16. Yin, Luo X, Duan Y, Duan W, Zhang H, He Y, Sun X. Neuroprotective effects of lotus seedpod procyanidins on extremely low frequency electromagnetic field-induced neurotoxicity in primary cultured hippocampal neurons. *Biomedicine and Pharmacotherapy*. 2016: 628-639
17. Wang H, Zhang X. Magnetic Fields and Reactive Oxygen Species. *International Journal of Molecular Sciences*. 2017; 18(10):2175
18. Rahman K. Studies on free radicals, antioxidants, and co-factors. *Clinical Interventions in Aging*. 2007; 2(2): 219–236.
19. Pathak C, Jaiswal YK, Vinayak M. Queuine promotes antioxidant defence system by activating cellular antioxidant enzyme activities in cancer. 2008; 28(2):73
20. Rahman K. Studies on free radicals, antioxidants, and co-factors. *Clinical Interventions in Aging*, 2007; 2(2):219–236.
21. Goyal MM, Basak A. Human catalase: Looking for complete identity. *Protein and Cell*. 2010: 888-897
22. Nicholls P. Classical catalase: Ancient and modern. *Archives of Biochemistry and Biophysics*. 2012: 95-101
23. Rahal A, Kumar A, Singh V, Yadav B, Tiwari R, Chakraborty S, Dhama K. Oxidative Stress, Prooxidants, and Antioxidants: The Interplay. *BioMed Research International*. 2014: 1-19
24. Hartanto H. *Histologi dasar junqueira taks dan atlas*. Jakarta. Penerbit Buku Kedokteran EGC. 2016; 14:22
25. Peng YJ. Effect of two paradigms of chronic intermittent hypoxia on carotid body sensory activity. *Journal of Applied Physiology*. 2003; 96(3):1236-1242
26. Giampieri F, Alvarez-Suarez JM, Battino M. Strawberry and human health: Effects beyond antioxidant activity. *Journal of Agricultural and Food Chemistry*. 2014; 8: 3867-3876
27. Francisco J, Molina-Hidalgo, Antonio RF, Carmen V, Laura M, et al. The strawberry (*Fragaria×ananassa*) fruit-specific rhamnogalacturonate lyase 1 (FaRGLyase1) gene encodes an enzyme involved in the degradation of cell-wall middle lamellae. *Journal of Experimental Botany*. 2013; 64(6):1471–1483.
28. Giampieri F, Forbes-Hernandez TY, Gasparrini M, Alvarez-Suarez JM, Afrin S, Bompadre S, et al. Strawberry as a health promoter: an evidence based review. *Food Funct*. 2015; 6(50): 1386-98.
29. Oszmiański J, Wojdyło A. Comparative study of phenolic content and antioxidant activity of strawberry puree, clear, and cloudy juices. *European Food Research and Technology*. 2009; 228(4):623-631
30. Wang SY, Lin HS. Antioxidant activity in fruits and leaves of blackberry, raspberry, and strawberry varies with cultivar and developmental

- stage. Journal of agricultural and food chemistry. 2000; 48(2):140-146
31. Blois MS. Antioxidant determinations by the use of a stable free radical. Nature. 1958; 29:1199-1200
 32. Singleton VL, Rossi JA. Colorimetry of total phenolics with phosphomolybdic-phosphotungstic acid reagents. Am J Enol Vitic. 1965; 16:144
 33. Meyer BN, Ferrigni NR, Putnam JE, Jacobsen LB, Nichols DE, McLaughlin JL. Brine shrimp: a convenient general bioassay for active plant constituents. Journal of Medicinal Plant Research Planta Medica. 1982; 45:31
 34. Van De Velde F, Tarola AM, Guemes D, Pirovani ME. Bioactive compounds and antioxidant capacity of Camarosa and Selva strawberries (*Fragaria x ananassa* Duch). Foods. 2013; 2(2):120-31.
 35. Ling LT, Radhakrishnan AK, Subramaniam T, Cheng H, Palanisamy UD. Assessment of antioxidant capacity and cytotoxicity of selected Malaysian plants. Molecules. 2010; 15(4): 51.
 36. Kårlund A, Salminen JP, Koskinen P, Ahern JR, Karonen M, Tiilikkala K, Karjalainen RO. Polyphenols in strawberry (*Fragaria x ananassa*) leaves induced by plant activators. Journal of Agricultural and Food Chemistry. 2014; 62(20):4592-4600
 37. Oliveira I, Coelho V, Baltasar R, Pereira JA, Baptista P. Scavenging capacity of strawberry tree (*Arbutus unedo* L.) leaves on free radicals. Food and Chemical Toxicology. 2009; 47(7):1507-1511
 38. Wang SY, Lin HS. Antioxidant activity in fruits and leaves of blackberry, raspberry, and strawberry varies with cultivar and developmental stage. Journal of agricultural and food chemistry. 2000; 48(2):140-146.
 39. Anderson CM, Goetz JL, McLaughlin M, Suffness. A blind comparison of simple bench-top bioassay and human tumour cell cytotoxicities as antitumor prescreens. Int J Pharm Bio Sci. 2014; 5(4):917-923.
 40. Chiş IC, Baltaru D, Dumitrovici A, Coseriu A, Radu BC, Moldovan R, Mureşan A. Protective effects of quercetin from oxidative/nitrosative stress under intermittent hypobaric hypoxia exposure in the rat's heart. 2018; 105(3):233-246
 41. Bouayed J, Bohn T. Exogenous antioxidants-Double-edged swords in cellular redox state. Oxid Med Cell Longev. 2010; 3:228-37.
 42. Michiels C. Psychological and pathological responses to hypoxia. American Journal of Pathology. 2004; 164(6):1875-1882.