

## DAFTAR PUSTAKA

1. Webster KA. Evolution of the Coordinate Regulation of Glycolytic Enzyme Genes by Hypoxia. *J Exp Biol*; 2003
2. Kumar H, Choi D. Hypoxia Inducible Factor Pathway and Physiological Adaptation, A Cell Survival Pathway; 2015
3. Wheaton WW, Chandel NS. Hypoxia regulates cellular metabolism; 2011
4. Szyllberg T, Bodnar M, Michalski J, Maciejewska M, Marszałek A. Inflammation and hypoxia in Atherosclerosis, coronary artery disease, and heart failure; 2015
5. Lobo V, Patil A, Phatak A, Chandra N. Free radical, antioxidants and functional foods Impact on human health; 2010
6. Holley AK, Bakthavatchalu V, Velez-Roman JM, St. Clair DK. Manganese superoxide dismutase: Guardian of the powerhouse. *International Journal of Molecular Sciences*; 2011
7. Holley AK, Bakthavatchalu V, Velez-Roman JM, St. Clair DK. Manganese superoxide dismutase: Guardian of the powerhouse. *International Journal of Molecular Sciences*; 2011
8. Lane N. Oxygen — the Molecule that made the World. Oxford: Oxford University Press; 2007
9. Rodwell, GF. Lavoisier, Priestley, and the Discovery of Oxygen: Nature Publishing Group; 2009
10. Salin K, Auer SK, Rey B, Selman C, Metcalfe NB. Variation in the link between oxygen consumption and ATP production and its relevance for animal performance *Proceedings Biol Sci*; 2015
11. Wanandi, S, Dewi S, Paramita R. Ekspresi Relatif mRNA HIF-1  $\alpha$  pada Jantung, Otak, dan Darah Tikus Selama Induksi Hipoksia *Makara Sains*; 2009
12. Thannickal VJ, Fanburg BL. Reactive oxygen species in cell signaling. *American Journal of Physiology. Lung Cellular and Molecular Physiology*; 2011
13. Kowaltowski AJ, de Souza-Pinto NC, Castilho RF, Vercesi AE. Mitochondria and reactive oxygen species. *Free Radical Biology and Medicine*; 2009
14. Giordano FJ. Oxygen, oxidative stress, hypoxia, and heart failure. *Journal of Clinical Investigation*; 2005
15. Weisiger RA, Fridovich, I. Superoxide dismutase. Organelle specificity. *Journal of Biological Chemistry*; 1973
16. 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
17. Gudej J, Tomczyk M. Determination of flavonoids, tannins and ellagic acid in leaves from *Rubus L.* species. *Arch Pharm Res.* 2004 Nov; 27(11): 1114-9.
18. Tristantini D, Ismawati A, Pradana BT, Jonathan JG. Pengujian Aktivitas Antioksidan Menggunakan Metode DPPH pada Daun Tanjung (*Mimusops elengi L.*). *Prosiding Seminar Nasional Teknik Kimia “Kejuangan”*; 2016

19. Keser S, Celik S. Antioxidant Properties of Rubus Discolor L Extract and Protective Effects of Its Flower Extract Against Hydrogen Peroxide-Induced Oxidative Stress in Wistar Rats. *Turkish Journal Of Pharmaceutical Sciences*; 2015; 12(2):89-111
20. Ergina, Nuryanti S, Pursitasari ID. Uji Kualitatif Senyawa Metabolit Sekunder Pada Daun Palado yang Diekstraksi dengan Pelarut Air dan Etanol. *Jurnal Akademi Kimia Pendidikan Kimia FKIP Universitas Tadulako Palu*; 2014(3):165-172
21. Tavares L, Figueira I. Neuroprotective effect of blackberry (Rubus sp) polyphenols is potentiated after simulated gastrointestinal digestion. *Elsevier Food Chemistry*; 2012
22. Oszmianski J, Nowicka P. Determination of Phenolic Compounds and Antioxidant Activity in Leaves from Wild Rubus L. Species; 2015(20): 4951-4966
23. Verma R, Gangrade T. Rubus fruticosus (blackberry) use as an herbal medicine. *Pharmacogn Rev*; 2014 8(16):101-104
24. Lisdawati V, Wiryowidagdo S. Brine Shrimp Lethality Test (BSLT) dari berbagai fraksi ekstrak daging buah dan kulit biji mahkota dewa; 2006; 34(3):111-118
25. Ali N, Shaoib M. Pharmacological Profile of The Aerial Parts of Rubus ulmifolius Schott. *BMC Complementary and Alternative Medicine*. 2017
26. Septelia I, Wanandi. Expression of manganese superoxide dismutase in rat blood, heart and brain during induced systemic hypoxia; 2011 20(1)
27. Cho B, Ryu H, Jin C. Blackberry Extract Attenuates Oxidative Stress through Up-Regulation of Nrf2-Dependent Antioxidant Enzymes in Carbon Tetrachloride-Treated Rats. *Journal of Agricultural and Food Chemistry*; 2011
28. Halliwell B. Reactive oxygen species in living systems: Source, biochemistry, and role in human disease. *Am J Med*. 1991; 91(3):14–22