

## DAFTAR PUSTAKA

1. Tjay, T. H dan Rahardja, K. Obat- obat Penting : Khasiat, Penggunaan dan Efek-efek Sampingnya, Edisi Keenam, Cetakan ketiga. Elex Media Komputindo, Jakarta; 2013.
2. Djarijah. *Budi Daya Jamur Kuping*, Yogyakarta: Kanisius; 2001.
3. Departemen Kesehatan Republik Indonesia. Profil kesehatan Indonesia. Jakarta :Badan Penelitian dan Pengembangan Kesehatan Departemen Kesehatan RI; 2008.
4. Kamaluddin MT. Patogenesis aterosklerosis dan terapi rasional statin jangka panjang. *Majalah Kedokteran Sriwijaya*, 1999; 43-9
5. Halliwell B & Gutteridge JMC. Cellular response to oxidative stress : adaptation, damage repair, senescence and death. In *Free Radical in Biology and Medicine*. 4<sup>th</sup> ed. London, Oxford : University Press ;2007 : 187 – 267
6. ACSM (American College of Sport Medicine). ACSM's guidelines for exercise testing and prescription. Seventh Edition. Philadelphia : Lippincott Williams & Wilkins; 2006
7. Zhao S, Chengbo Ronga, Yu Liua, et al. Extraction of a soluble polysaccharide from *Auricularia polytricha* and evaluation of its anti-hypercholesterolemic effect in rats. *Carbohydrate Polymers*. 2015;122:39-45.
8. Hung PV, Nhi NNY. Nutritional composition and antioxidant capacity of several edible mushrooms grown in the Southern Vietnam. *International Food Research Journal*. 2012;19:611-615.
9. B. Poljsak, D. Suput, and I. Milisav. Achieving the balance between ROS and antioxidants: when to use the synthetic antioxidants. *Oxidative Medicine and Cellular Longevity*. 2013;11.
10. R. Shenoy and A. Shirwaikar. Anti inflammatory and free radical scavenging studies of *Hyptis suaveolens* (Labiatae). *Indian Drugs*. 2002; 39(11): 574-577.
11. Law, Rob dan Bukwirwa. *The Physiology of Oxygen Delivery*. 1999;10(3):1-2. Diunduh dari [http://www.nda.ox.ac.uk/wfsa/html/u10/u1003\\_01.html](http://www.nda.ox.ac.uk/wfsa/html/u10/u1003_01.html) pada tanggal 14 Desember 2011.
12. Catala, A. Lipid Peroxidation. (INIFTA-CCT La Plata-CONICET), *Facultad de Ciencias Exactas*. 2012; 94(1): 101-9.
13. Vallet, B., Teboul, J.L., Cain, S., Curtis, S. Venoarterial CO<sub>2</sub> difference during regional ischemic or hypoxic hypoxia. *Journal Application of Physiology*. 2000; 89: 1317-1321.
14. Paterson AH, Tanksley SD, Sorrells ME. DNA markers in plant improvement. *Adv. Agron*. 1991; 46: 39-90.
15. Reichard BM, Evaristo AA, Apolonia LL, Renato GR. Four species of wild *Auricularia* in Central Luzon, Philippines as sources of cell lines for researchers and mushroom growers. *J. Agric. Sci. Technol*. 2005; 1: 279-300.
16. Irianto, Yuli, Susilowati A, Wiryanto. Pertumbuhan, Kandungan Protein, dan Sianida Jamur Kuping (*Auricularia polytricha*) pada Medium Tumbuh Serbuk Gergaji dan Ampas Tapioka dengan Penambahan Pupuk Urea. *Bioteknologi*. 2004; 5(2): 43-50.

17. Isolation and characterization of an immunomodulatory protein (APP) from the Jew's Ear mushroom *Auricularia polytricha*. *Food Chem.* 2004; 87: 593-600.
18. Sun SJ, Gan W, Lin SQ, Zhu J, Xie BG, Lin ZB. Analysis of genetic diversity in *Ganoderma* population with a novel molecular marker SRAP. *Appl. Microbiol. Biot.* 2006;72: 537-543.
19. Tang LH, Xiao Y, Li L, Guo Q, Bian YB. Analysis of genetic diversity among Chinese *Auricularia auricula* cultivars using combined ISSR and SRAP markers. *Curr. Microbiol.* 2010; 61: 132-140.
20. Yan PS, Luo XC, Zhou Q. RAPD molecular differentiation of the cultivated strains of the jelly mushrooms, *Auricularia auricular* and *A. polytricha*. *World J. Microb. Biot.* 2004; 20: 795-799.
21. Yang BK, Ha JY, Jeong SC, Jeon YJ, Ra KS, Das S, Yun JW, Song CH. Hypolipidemic effect of an exo-biopolymer produced from submerged mycelial culture of *Auricularia polytricha* in rat. *Biotechnol. Lett.* 2002; 24: 1319-1325.
23. D. Hernandez-Saavedra and J. M. McCord. Evolution and free radicals. Importance of oxidative stress in human pathology. *Revista Medica del Instituto Mexicano del Seguro Social.* 2007;45(5): 477-484.
24. L. J. Buccellato, M. Tso, O. I. Akinci, N. S. Chandel, and G. R. Budinger, Reactive oxygen species are required for hyperoxia-induced Bax activation and cell death in alveolar epithelial cells. *Journal of Biological Chemistry.* 2004; 279(8): 6753-6760.
25. S. Yamaoka, H. S. Kim, T. Ogihara et al. Severe vitamin E deficiency exacerbates acute hyperoxic lung injury associated with increased oxidative stress and inflammation. *Free Radical Research.* 2008; 42(6): 602-612.
26. E. M. Bulger and R. V. Maier. Antioxidants in critical illness. *Archives of Surgery.* 2001; 136(10): 1201-1207.
27. Zhang RY, Huang CY, Zheng SY, Zhang JX, Ng TB, Jiang RB, Zuo XM, Wang HX. Strain-typing of *Lentinula edodes* in China with inter-simple sequence repeat markers. *Appl. Microbiol. Biot.* 2007; 74: 140-145.
28. V. Lobo. Free radicals, antioxidants and functional foods: impact on human health. *Journal of Pharmacognosy Reviews.* 2010; 4(8): 118-126.
29. K. Apel and H. Hirt. Reactive oxygen species: metabolism, oxidative stress, and signal transduction. *Annual Review of Plant Biology.* 2004; 55: 373-399.
30. Miller DM, Buettner GR, Aust SD. Transition metals as catalysts of "autoxidation" reactions. *Free Radic Biol Med.* 1990;8:95-108.
31. Dupuy C, Virion A, Ohayon R, Kaniewski J, Dème D, Pommier J. Mechanism of hydrogen peroxide formation catalyzed by NADPH oxidase in thyroid plasma membrane. *J Biol Chem.* 1991;266:3739-3743
32. Granger DN. Role of xanthine oxidase and granulocytes in ischemia-reperfusion injury. *Am J Physiol.* 1988;255:1269-1275.
33. Fenton HJH. Oxidation of tartaric acid in the presence of iron. *J Chem Soc.* 1984;65:899-910.
34. Montuschi P, Corradi M, Ciabattini G, Nightingale J, Kharitonov SA, Barnes PJ. Increased 8-isoprostane, a marker of oxidative stress, in exhaled

- condensate of asthma patients. *Am J Respir Crit Care Med.* 1999;160:216–220
35. Church DF, Pryor WA. Free-radical chemistry of cigarette smoke and its toxicological implications. *Environ Health Perspect.* 1985;64:111–126.
  36. Stohs SJ, Bagchi D. Oxidative mechanisms in the toxicity of metal ions. *Free Radic Biol Med.* 1995;18:321–336
  37. Powers, S.K. Jackson, M.J. Exercise-Induced Oxidative Stress: Cellular Mechanisms and Impact on Muscle Force Production. *Journal Physiol Rev.* 2008;88: 1243-1276.
  38. Birben E, Sahiner U, Sackesen C, Erzurum S, Kalayci O. Oxidative Stress and Antioxidant Defense. *World Allergy Organization Journal.* 2012;5(1):9-19
  39. The Importance of Glutathione in Human Disease. 1st ed. Philadelphia, France: Elsevier; 2003 (cited 11 November 2016). Available from: <http://healthtotem.com/image/refensal/glutathioninhumandisease.pdf>
  40. Fernández-Checa J, Kaplowitz N, Garcia-Ruiz C, Colell A, Miranda M, Mai M, Ardite E, Morales A. GSH transport in mitochondria: defense against TNF-induced oxidative stress and alcohol-induced defect. *Am J Physiol.* 1997;273:G7–G17.
  41. Garcia-Ruiz C, Fernández-Checa JC. Mitochondrial glutathione: hepatocellular survival-death switch. *J Gastroenterol Hepatol.* 2006; 21:S3–6.
  42. Brigelius-Flohe R. Tissue-specific functions of individual glutathione peroxidases. *Free Radical Biol Med.* 1999; 27:951–965.
  43. Lu SC. Regulation of glutathione synthesis. *Mol Asp Med.* 2009; 30:42–59.
  44. Federer WY. *Experimental design: theory and application.* New York: Mac Millan Publishers; 1963.
  45. Ellman GL, Courtney KD, Andres V, Featherstone RM. A new and rapid colometric determination of acetylcholinesterase inhibitor activity. *Biochemical pharmacology.* 1961; 7: 88-95.
  46. Mansfield K. Hypoxic reduction in cellular glutathione levels requires mitochondrial reactive oxygen species. *Journal of Applied Physiology.* 2004;97(4):1358-1366.
  47. Halim A. *Stres oksidatif pada hati tikus yang diinduksi hipoksia sistemik.* Jakarta: Universitas Indonesia; 2008.
  48. F. Liu, V.E. C and S. T. Chang. Free radical scavenging activities of mushroom polysaccharide extracts. *Life Sciences.* 1997; 60(10): 763-771.