

DAFTAR PUSTAKA

1. Trayhurn P. Oxygen – The Forgotten Nutrient. *Journal of Nutritional Science (JNS)*. 2017; 6: 1-4.
2. Jennifer E, Ziello Y. Hypoxia-Inducible Factor (HIF)-1 Regulatory Pathway and its Potential for Therapeutic Intervention in Malignancy and Ischemia. *Yale J Biol Med*. 2017; 80 (2): 51-60
3. Sherwood L. *Fisiologi Manusia*. 8th ed. Jakarta: EGC; 2017.
4. Calvin K, Paul M. Hypoxia, vascular smooth muscles and endothelium. *Acta Pharmaceutica Sinica B*. 2013; 3: 1-7
5. Andriani A, Prijanti A, Mudjihartini N, Jusman S. Dampak Hipoksia Sistemik terhadap Malondialdehida, Glial Fibrillary Acidic Protein dan Aktivitas Asetilkolin Esterase Otak Tikus. *eJKI*. 2017; 4 (2): 112-118.
6. Packialakshmi B, Sudha G, Charumathy M. Bioactive Constituents and Antioxidant Efficacy of *Auricularia Polytricha*. *Asian Journal of Pharmaceutical and Clinical Research*. 2016; 9 (1): 125-129.
7. Daniel K. Wood Ear Mushroom For Oxidative Stress. *Int J Micro*. 2017; 2 (3): 14-19
8. Zhou Y, Chen L, Fan X, Bian Y. De Novo Assembly of *Auricularia polytricha* Transcriptome Using Illumina Sequencing for Gene Discovery and SSR Marker Identification. *PLoS One*. 2017; 9 (3): 52-62
9. Tom V. *Auricularia auricula-judae*, Wood ear fungus, Cloud ear fungus, or Judas' ear fungus, in honor of Easter. *Journal of Mushroom*. 2004; 4 (4): 36-49.
10. Hernansanz P, Izquierdo A. Acute Hypoxia Produces A Superoxide Burst In Cells. *Free Radic Biol Med*. 2014; 71: 146-56.
11. Michael H, Peter V. Tumor Hypoxia: Definitions and Current Clinical, Biologic, and Molecular Aspects. *Journal of The National Cancer Institute (JNCI)*. 2001; 93: 266-76.
12. Marilyn J. *The Cerebral Circulation*. 2nd ed. California: Morgal and Claypool Life Sciences; 2010.
13. Sharp F, Bergeron, M, Bernaudin, M. Hypoxia-inducible factor in brain. *Adv Exp Med Biol*. 2001; 502: 273-91.
14. Carine, M. Physiological and Pathological Responses to Hypoxia. *Am J Pathol*. 2004; 164 (6): 1875-82.
15. Valco M, Rojer C. Free Radicals, Metals and Antioxidants in Oxidative Stress induced Cancer. *Chem Biol Interact*. 2006; 160 (1): 1-40
16. Dröge W. Free Radicals in the Physiological Control of Cell Function. *Int J Biochem Cell Biol*. 2017; 12 (4): 132-45.
17. Ferreira I, Barros L, Abreu R. Antioxidants in Wild Mushrooms. *Curr Med Chem*. 2009; 16 (12): 1543-60.

18. Marian V, Dieter L. Free radicals and antioxidants in normal physiological functions and human disease. *The International Journal of Biochemistry & Cell Biology*. 2007; 39 (1): 44-84.
19. Djordjevic, Zvezdanovic L, Cosic C. Oxidative Stress In Human Disease. *Srp Arh Celok Lek*. 2008; 136 (2): 158-65.
20. Valko M, Leibfritz D. Free radicals and antioxidants in normal physiological functions and human disease. *Int J Biochem Cell Biol*. 2007; 39 (1): 44-84.
21. Robert K, Darryl K, Victor W. *Biokimia Harper*. 27th ed. Jakarta: EGC; 2009.
22. Sun J, Bian Y. Slippery Scar: A New Mushroom Disease in *Auricularia polytricha*. *Institute of Applied Mycology*. 2012; 40 (2): 129-133.
23. Kozarski M, Klaus A, Jakovljevic D, Todorovic N, Vunduk J, Petrović P et al. Antioxidants of Edible Mushrooms. *Molecules*. 2015; 20 (10): 19489-525.
24. Sahnoun Z, Jamoussi K, Zeghal K. Free Radicals and Antioxidants: Human physiology, pathology, and therapeutic aspects. *Therapie*. 1997; 52 (4): 251-70.
25. Olatz Arleaga, Antonia Alvarez. Role of Antioxidants in Neonatal Hypoxic-Ischemic Brain Injury: New Therapeutic Approaches. *Int J Mol Sci*. 2017; 18 (2): 265.
26. Etsuo N. Do Antioxidants Impair Signaling by Reactive Oxygen Species and Lipid Oxidation Products. *FEBS Letters*. 2012; 586: 3767-3770.
27. Stajic M, Vukojevic J. Antioxidant Protective Effects of Mushroom Metabolites. *Curr Top Med Chem*. 2013; 13 (21): 2660-76.
28. Lorna R. The Immune System. *Nut R*. 1996; 54: 1-30.
29. Juhyun S, Joohyun P. Glutathione Suppresses Cerebral Infarct Volume and Cell Death after Ischemic Injury: Involvement of FOXO3 Inactivation and Bcl2 Expression. *Oxid Med Cell Longev*. 2015; 9: 1-11.
30. Shelly C. Regulation of glutathione synthesis. *Mol Aspects Med*. 2009; 42-59.
31. Shelly C. Glutathione synthesis. *Mol Aspects Med*. 2013; 3143-3153.
32. Maria E, Talia H, Octavio P. Edible Mushrooms: Improving Human Health and Promoting Quality Life . *Int J Microbiol*. 2015; 36-40.
33. Matilla, Konko K. Cultivation of Edible Mushrooms. *Agr Food Chem*. 2017; 23 (1): 41-48.
34. Suitability of Oil Palm Empty Fruit Bunch and Sago Waste for *Auricularia polytricha* Cultivation. *ASCI*. 2017; 13 (3): 111-119.
35. Role of Adenosine in Cerebral Metabolism And Blood Flow. Google Books. 2017 [cited 7 September 2016]. Available from:

<https://books.google.co.id/books?id=1McDQwLB6hMC&pg=PA113&lpg=PA113&dq=cellular+and+function+of+auricularia+polytricha&source=bl&ots=eZa8UaoCPh&sig=AfF4E4IC2R08XWcADcDVwzgTrY&hl=en&sa=X&ved=0ahUKEwj65KDZutHQA hWMso8KHW5rDmAQ6AEITzAH#v=onepage&q=cellular%20and%20function%20of%20auricularia%20polytricha&f=false>

36. Species Diversity And Utilization of Medicinal Mushrooms and Fungi in China Review. International Journal of Medicinal Mushrooms. 2009; 11 (3): 287-302.
37. F.R.H H, M. Medany G. Studies on Submerged Culture Conditions for Mycelial Biomass Production of Wood Ears Mushroom (*Auricularia polytricha*). Middle East Journal of Agriculture Research; 2012; 1(1): 33-9.
38. Carlos L, Yordan D. Species of Mushroom. Int Jeu. 2016; 4 (3): 56-73.
39. Richard H, Kevin W. *Auricularia polytricha* (Mont.) Sacc. 2002; 4 (2): 60-72.
40. Yalk V, Paula Y. Medicine Mushroom. The Scientific World Journal. 2006; 1 (4): 32-45.
41. Matilla, Konko K. Cultivation of Edible Mushrooms. Agr Food Chem. 2017; 23 (1): 41-48.
42. Federer WY. Experimental design: theory and application. New York: Mac Millan Publishers; 1963.
43. Ellman GL. Tissue Sulphydryl Groups. Arch of Bioch and Biophys. 1959: 82(1): 70-7.
44. Bouayed J, Bohn T. Exogenous antioxidants—Double-edged swords in cellular redox state. Oxid Med Cell Longev. 2010;3(4):228–37.
45. Reuter A, Klinger B. The Influence of Systemic Hypoxia and Reoxygenation On The Gluthathione Redox System of Brain, Liver, Lung, and Plasma in Newborn Rats; 1992; 44 (6): 339-43.
46. Hidayati U, Ratna I. Pengaruh Lama Hipoksia Terhadap Angka Eritrosit dan Kadar Hemoglobin *Rattus norvegicus*. Mutiara Medika. 2013; 13 (1) : 49-54.
47. Septelia I, Syarifah D, Reni P. Ekspresi Relatif mRNA HIF-1 α Pada Jantung, Otak dan Darah Tikus Selama Induksi Hipoksia Sistemik. Makara. 2009; 13(2): 185-8.