

DAFTAR REFERENSI

- O.B Adewale, Adekeye, A.O., Akintayo, C.O. Onikanni, C.O., & Saheed, S., 2014. Carbon Tetrachloride (CCl₄)-Induce Hepatic Damage in Experimental Sprague Dawley Rats: Antioxidant Potential of *Xylopiya aethiopica*. *The Journal of Phytopharmacology*, 3(2), pp.118-123.
- Alexandru, I., 2011. Experimental use of animals in research spa. *Balneo-Research Journal*, 2(1), pp.65-70.
- Ballmer, P.E., 2001. Cause and Mechanism of Hypoalbuminemia. *Clinical Nutrition*, 20(3), pp.271-273.
- An Byoung-Ki, Kwan-Eung Kim, Jin-Young Jeon, & Kyung Woo Lee, 2016. Effect Of Dried *Chlorella Vulgaris* And Chlorella Growth Factor On Growth Performance, Meat Qualities And Humoral Immune Responses In Broiler Chickens. *SpringerPlus*, 5(718), pp.1-7.
- Chew, B.P. & J.S. Park, 2004. Carotenoid Action on the Immune Response. American Society for Nutritional Sciences. *J. Nutr.* 134, pp.257–261.
- Derelanko, M. J., & Auletta, C.S., 2008. *The toxicologist's pocket handbook*. Informa healthcare USA, inc. New York: 52 Venderbilt Ave.
- Devasagayam, T.P.A., Tilak, J.C., Boloor, K.K., Sane, K.S., Ghaskadbi, S.S., & Lele, R.D., 2004. Free Radicals and Antioxidants in Human Health: Current Status and Future Prospects. *Japi*, 52, pp. 794-814.
- Eldahshan, O.A. & Singab A.N.B., 2013. Carotenoids. *Journal of Pharmacognosy and Phytochemistry*, 2(1), pp.225-235.
- Fretes, H.D., A.B. Susanto, B. Prasetyo, & L. Limantara, 2012. Karotenoid dari Mikroalga dan Makroalga : Potensi Kesehatan dan Bioteknologi. *J. Teknol dan Industri Pangan*, 23(2), pp.1-8.
- Forte, J.S., 2002. Paracetamol: Safety Versus Toxicity. *The Chronic Ill.* (6), pp. 12-17.
- Gouveia, L., Anabela, R., Ana, P.B., Isabel, S., & Josè, E., 2006. *Chlorella vulgaris* and *Haematococcus pluvialis* Biomass as Colouring and Antioxidant in Food Emulsions. *Eur Food Res Technol*, 222, pp.362-367.
- Harborne, J.B. 1897. *Metode Fitokimia, Edisi Kedua*. Bandung: ITB.
- Jadhav, V.B., Vishnu, N.T., Anupama, A.S., Avinash, D.D., & Suresh, R.N., 2010. Hepatoprotective activity of *Luffa acutangula* against CCl₄ and rifampicin induced liver toxicity in rats. A biochemical and histopathological evaluation. *Indian J Exp Biol* , 48, pp.822-829.
- Kent, M., Heather, M.W., Arnold, M., & Yan li, 2015. Nutritional Evaluation of Australian Microalgae as Potential Human Health Supplements. *PLOS one*, pp.1-14, yan.li3@jcu.edu.au

- Khasanah, Y., Ratnayani, D. Ariani, M. Angwar, & T. Nuraeni. 2015. In Vivo Study on Albumin and Total Protein in White Rat (*Rattus norvegicus*) after Feeding of Enteral Formula from Tempe and Local Food. *Procedia Food Science*, 3, pp.274-279.
- Kim Hyun-Kyung, Li li, Lee Hyeong Seon, Park Mi-Ok, Bilehal, D., Li, W., & Kim Yong Ho, 2009. Protective Effects of *Chlorella vulgaris* Extract on Carbon Tetrachloride-induced Acute Liver Injury in Mice. *Food Sci. Biotechnol*, 18(5), pp.1186 -1192.
- Kumar, S., 2014. The Importance of Antioxidant and Their Role in Pharmaceutical Science- A Review. *Asian Journal of Research in Chemistry and Pharmaceutical Sciences*, 1(1), pp.27-44.
- Laurence, D.R. & Bacharach, A.L., 1964. *Evaluation of drug activities: pharmacometrics*. London: Academic Press.
- Li li, Li Wei, Kim Yong-ho & Lee Yong Woo, 2013. *Chlorella vulgaris* extract ameliorates carbon tetrachloride-induced acute hepatic injury in mice. *Experimental and Toxicologic Pathology*, 65, pp.73–80
- Lin Wen-Chuan & Lin Wei-Lii, 2006. Ameliorative effect of Ganoderma lucidum on carbon tetrachloride-induced liver fibrosis in rats. *World Journal of Gastroenterology*, 12(2), pp.265-270.
- Liska, DeAnn.J., 1998. The Detoxification Enzyme Systems. *Altern Med Rev*. 3(3), pp.187-198.
- Lu, F.C., 1995. *Toksikologi Dasar, Asas, Organ Sasaran dan Penelitian Resiko, Edisi Kedua*, Terjemahan Nugroho Edi, Jakarta: Universitas Indonesia.
- Lushchak, V.L., 2012. Glutathione Homeostasis and Functions: Potential Targets for Medical Interventions. *Journal of Amino Acids*. Volume 2012 Article ID 736837, 26 pages.
- Mangkoewidjojo, S & Smith J.B. 1988. *Pemeliharaan, Pembiakan Dan Penggunaan Hewan Percobaan di Daerah Tropis*. Jakarta : UI press.
- Morris, H.J., Olimpia, V.C., Maria, E.O., Rosa, C.B., Angel, A., Gabriel, L., Yamila, L., & Roberto, F., 2011. Oral Administration of an Enzymatic Protein Hydrolysate from the Green Microalga *Chlorella vulgaris* Enhances the Nutritional Recovery of Malnourished Mice. *Journal Of Medicinal Food*, 14(12), pp.1583–1589.
- Nimse, S.B., & D. Pal, 2015. Title: Free Radicals, Natural Antioxidant, & Their Reaction Mechanism. Royal Society of Chemistry Advanced. www.rsc.org/advances.
- Nur, M.M.A., 2014. Potensi Mikroalga sebagai Sumber Pangan Fungsional Indonesia. *Eksergi*, 9(2), pp.1-6.

- Peng Hsin-Yi, Yu-Chan Chu, Shu-ju Chen, & Su-Tze Chou, 2009. Hepatoprotection of *Chlorella* against Carbon Tetrachloride-induced Oxidative Damage in Rats. *in vivo*, 23, pp.747-754.
- Quinlan, G.J., G.S. Martin, & T.W. Evans, 2005. Albumin: Biochemical Properties and Therapeutic Potential. *Hepatology*, pp.1211-1220.
- Robin, S., K. Sunil, A.C. Rana, & N. Sharma, 2012. Different Model of Hepatotoxicity and Related Liver Disease: A Review. *International Research Journal of Pharmacy*, 3(7), pp.1-10.
- Sansawa, H & H. Endo, 2004. Production of Intracellular Phytochemicals in *Chlorella* under Heterotrophic Conditions. *Journal Of Bioscience And Bioengineering*, 98(6), pp.437-444.
- Sailaja Rao.P., Sireesha Kalva, Aparna Yerramilli & Sadanandam Mamidi, 2011. Free Radicals and Tissue Damage: Role of Antioxidants. *Open Access Free Rad Antiox*, 1(4), pp.1-6.
- Sharoud, M.N.M., 2015. Protective Effect Of *Spirulina* Against Paracetamol-Induced Hepatic Injury In Rats. *Journal of Experimental Biology and Agricultural Sciences*, 3(1), pp.44-53.
- Singh, D., Arya, P.V., Sharma, A., Aggarwal, V.P., Dobhal, M.P. & Gupta, R.S., 2014. Antioxidant Potential of Plumieride against CCL4-Induced Peroxidative Damage in Rats. *Antioxidants*, 3, pp.798-813.
- Singhs, A., Tej, K., & Om, P.S., 2011. Clinical Biochemistry of hepatotoxicity. *Journal of Chlinical Toxicology*, 4, p. 1-19.
- Steel, R.G.D. Torrie, J.H., 1980. *PrinciplesProcedures of Statistics*. 2nd ed. New York: McGraw-Hill.
- Sutedjo, SKM. 2007. *Mengenal Penyakit Melalui Hasil Pemeriksaan Laboratorium*. Amara Books, Yogyakarta
- Tang, G., & P.M. Suter, 2011. Vitamin A, Nutrition, and Health Values of Algae: *Spriulina*, *Chlorella*, and *Dunaliella*. *Journal of Pharmacy and Nutrition Sciences*,1, pp.111-118.
- Taverna, M., Marie Anne-Lise, Mira Jean-Paul, & Guidet, B., 2013. Specific antioxidant properties of human serum albumin. *SpringerOpen Journal*, 3(4), pp.1-7.
- Thapa, B.R. & A. Walia, 2007. *Liver Function Test and Their Interpretation. Symposium : Newer Diagnostic Test*. Division of Pediatric Gastroenterology, Hepatology and Nutrition. Chandigar: Post Graduate Institute of Medical Education and Research.
- Thomas, L., 1998. *Clinical Laboratory Diagnostics*. 1st ed. Frankfurt: TH-Books Verlagsgesellschaft.

- Vijayavel K., C. Anbuselvam & M. P. Balasubramanian.2007. Antioxidant Effect Of The Marine Algae *Chlorella Vulgaris* Against Naphthalene-Induced Oxidative Stress In The Albino Rats. *Springer Science & Business Media B.V.*
- Weber, L.W.D, Meirad, B., & Andreas, S., 2003. Hepatotoxicity and Mechanism of Action Haloalkanes: Carbon tetrachloride as Toxicological Models. *Critical Review in Toxicology*, 33(2), pp.105-136.
- Yamamoto, Mariko, F., Aiko, H., & Shigeyuki, K., 2004. Regeneration and Maturation of Daughter Cell Wall in the Autospore-Forming Green Alga *Chlorella vulgaris*. *J Plant Res*, 117, pp.257-264.
- Yu Chundong, Fen Wang, Chengliu Jin, Xiaochong Wu, Wai-Kin Chan, & Wallace L.M., 2002. Increased Carbon Tetrachloride-Induced Liver Injury and Fibrosis in FGFR4-Deficient Mice. *American Journal of Pathology*, 161(6), pp.2003-2011.