

## DAFTAR PUSTAKA

- Aisyah, R., Listyawati, S. dan Widiyani, T., 2003, Efek Pemberian Natrium Siklamat secara Oral terhadap Karakteristik Hematologis Tikus Putih (*Rattus NorvegicusL.*), *BioSmart*, 124-130.
- Andritoiu, C. V., Lacramioara, O., Andritoiu, V., dan Popa, M., 2014, Effect of Apitherapy Formulations against Carbon Tetrachloride-Induced Toxicity in Wistar Rats after Three Weeks of Treatment, *Molecules*, 13374-13391.
- Arbind, K. C., Devi, S., dan Sundareswaran, L., 2014, Role of antioxidant enzymes in oxidative stress and immune response evaluation of aspartame in blood cells of wistar albino rats, *International Food Research Journal*, 2263-2272.
- Audhya, T., 2013, Role of B Vitamins in Biological Methylation, Health Diagnostics and Research Institute, 1-19.
- Azab, K. S., Bashandy, M., Salem, M., Ahmed, O., Tawfik, Z., dan Helal, H., 2011, Royal jelly modulates oxidative stress and tissue injury in gamma irradiated male Wister Albino rats, *North American Journal of Medical Sciences*, 268-276.
- Aziz, I. I. A., dan Zabut, B. M., 2011, Determination of blood indices of albino rats treated with aluminum chloride and investigation of antioxidant effects of vitamin E and C. *Egyptian Journal of Biology*, 1-7.
- Bahrke, M. S., dan Morgan, W. P., 1994, Evaluation of the ergogenic properties of ginseng, *Sports Med*, 229-248.
- Bain, B., 2011. *Dacie and Lewis Practical Haematology*. Churchill: Elsevier.
- Bersamin, A., 2005. Iron and Iron Deficiency Anemia. Department of Nutrition University of California. Dalam: [anrcatalog.ucdavis.edu/pdf/8141.pdf](http://anrcatalog.ucdavis.edu/pdf/8141.pdf) Dikutip tanggal 10 April 2015.
- Blasa, M., Candiracci, M., Acoorsi, A., Piacentini, M. P., dan Piatti, E., 2007, Honey flavonoids as protection agents against oxidative damage, *Food Chemistry*, 1635-1640.
- Boyle, M., dan V.D. Castillo., 2006, Monster on the loose, *Fortune*, 116-122.
- Brattstorm, L., Wilcken, D., Ohrvik, J., and Brudin, L., 1998, Common methylenetetrahydrofolate reductase gene mutation leads to

- hyperhomocysteinemia but not to vascular disease, *Circulation*, 2520-2526.
- Bukhar, H. M., Header, E. A., dan El-Sawy, N. A., 2012, Biological Effect of High Energy Drink on Normal and Hyperglycemics Rats, *Pak J. Nutr*, 301-309.
- Butchko, H. H., Wayne, W., Stargel, C., Comer, P., dan Mayhew, D. A., 2002, Aspartame: Review of Safety, *Regulatory Toxicology and Pharmacology*, 1-93.
- Carillo, J. A., dan Benitez, J., 2000, Clinically significant interactions between dietary caffeine and medication, *Clinical Pharmacokinetics*, 127-153.
- Chawla, J., 2013, Neurologic Effects of Caffeine. Dalam: <http://emedicine.medscape.com/article/1182710-overview>. Dikutip tanggal 10 April 2015.
- Chavez-Valdez, R., Wills-Karp, M., Cristofalo, E. A., Ahlawat, R., Nathan, A., dan Gauda, E. B., 2009, Caffeine Modulates TNF- $\alpha$  Production by Cord Blood Monocytes: The Role of Adenosine Receptors, *Pediatric Research*, 203-208.
- Clausen, T., Anchersen, K., dan Waal, H., 2008, Mortality prior to during and after opioid maintenance treatment (OMT): a national prospective cross-registry study, *Drug and Alcohol Dependence*, 151-157.
- Cruz, J. A., dan Borghesi, L., 2012, DNA Damage in Hematopoietic Stem Cells as Mechanism for Lymphoid Progenitor Exhaustion in E47 deficient mice, *The Journal of Immunology*, 188.
- El-Wahab, H. M. F. A. dan Moram, G. S. E., 2012. Toxic effects of some synthetic food colorants and/or flavor additives on male rats. *Toxicology and Industrial Health*, 224-232.
- FDA. 16-11-2012. Dalam: <http://www.fda.gov/downloads/AboutFDA/CentersOffices/>. Dikutip tanggal 3 April 2015.
- Finnegan, D., 2003, The health effects of stimulant drinks, *Nutrition Bulletin*, 147-155.
- Gartner, L. P., dan Hiatt, J. L., 2010. *Concise Histology*. Baltimore: Elsevier.
- Gendle, H. M., Smucker, D. M., Stafstorm, J. A., Helterbran, M. C., dan Glazer, K. S., 2009, Attention and Reaction Time in University Students

- Following the Consumption of Red Bull, *The open nutritional Journal*, 8-10.
- Greer, J. P., Arber, D. A., Glader, B., List, A. F., Junior, R., Paraskevas, F., dan Rodgers, G. M., 2014. *Wintrobe's Clinical Hematology*. Philadelphia: Lippincott Williams.
- Grubben, M., Boers, G., dan Blom, H., 2000, Unfiltered coffee increases plasma homocysteine concentrations in healthy volunteers: a randomized trial, *Am J Clin Nutr*, 480-484.
- Hall, J. E., dan Guyton, C. A., 2011. *Textbook of Medical Physiology*. America: Elsevier.
- Harper, James L., 2013, Pediatric Megaloblastic Anemia. Dalam: <http://emedicine.medscape.com/article/959918-overview>. Dikutip tanggal 10 April 2015.
- Harvey, J. W., dan Beutler E., 1982, Binding of heme by glutathione s-transferase: a possible role of the erythrocyte enzyme, *Blood*, 1227-1230.
- Subagyo, H. W., 2002, Hubungan Antara Status Vitamin A dan Seng Ibu Hamil dengan Keberhasilan Suplementasi Besi.
- Higgins, J. P., Tuttle, T. D., dan Higgins, C. L., 2010, Energy beverages: content and safety, *Mayo Clinic Proc*, 1033-1041.
- Hismiogullari, A. A., Punduk, Z., Hismiogullari, S. A. S., dan Yavuz, O., 2013, The acute effect of commercial energy drink on hematological, biochemical and strength parameters induced by eccentric contractions, *Isokinetics and Exercise Science*, 247-252.
- Hoffbrand, A.V., and P.A.H Moss., 2011. *Essential Haematology*. UK: Blackwell.
- Holmgren, P., Norden-Petterson, L., dan Ahlne, J., 2004, Caffeine Fatalities - four case reports, *Forensic Sci Int*, 71-73.
- Hurrell, R. F., Manju, R., dan Cook, J. D., 1998, Inhibition of non-haem iron absorption in man by polyphenolic-containing beverages, *Food Science and Nutrition*, 289-295.
- Hwang, D. F., dan Wang L. C., 2001, Effect of taurine on toxicity of cadmium in rats, *Toxicology*, 173-180.
- Iversen, P. O., Woldbaek, P. R., Tonessen, T., dan Christensen, G., 2002, Decreased hematopoiesis in bone marrow of mice with congestive heart failure, *Am J Physiol Regulatory Integrative Comp Physiol*, 166-172.

- Kamarker, R., Bahattacharya, R., dan Chatterjee, M., 2008, Biochemical, haematological, and histopathological study in relation to time-related cadmium-induced hepatotoxicity in mice, *Bio*, 231-239.
- Karlic, H., dan Lohninger, A., 2004, Supplementation of L-carnitine in athletes: does it make sense?, *Nutrition*, 709-715.
- Kaushansky, K., Marshall, A., Lichtman, E. B., Kipps, T. J., Seligsohn, U., dan Prchal, J. T., 2010. *Williams Hematology*. China: McGraw-Hill.
- Khayyat, L. I., Essawy, A. E., Al Rawy, M. M., dan Sorour, J. M., 2013, Comparative Study on the Effect of Energy Drinks on Haematopoietic, *Journal of Environmental Biology*, 883-891.
- Khilman, B.A., 2010. *Caffeine and chromosomes*. New York: Elsevier.
- Klee, G. G., 2010. Cobalamin and Folate Evaluation: Measurement of Methylmalonic Acid and Homocysteine vs Vitamin B12 and Folate. Dalam: <http://www.clinchem.org/content/46/8/1277.long>. Dikutip tanggal 10 April 2015.
- Lang, P. L., 1998. Hematology Parameters for the Crl:CD BR Rat. Dalam: [http://www.criver.com/files/pdfs/rms/cd/rm\\_rm\\_r\\_hematology\\_parameters\\_crlcd\\_br\\_rat.aspx](http://www.criver.com/files/pdfs/rms/cd/rm_rm_r_hematology_parameters_crlcd_br_rat.aspx). Dikutip tanggal 17 Januari 2016.
- Li, G., dan Liu, Z., 2007, The protective effects of ginsenosides on human erythrocytes against hemin-induced hemolysis, *Food and Chemical Toxicology*, 886-892.
- Liu, S. C., Zhai, S., Lawler, J., dan Palek, J., 1985, Hemin-induced dissociation of erythrocyte membrane skeletal proteins. *Journal of Biological*, 12234–12239.
- MacGregor, J. T., Schlegel, R., Wehr, C. M., Alperin, P., dan Ames, B. N., 1990, Cytogenetic damage induced by folate deficiency in mice is enhanced by caffeine, *Medical Science*, 9962-9965.
- Magkos, F., dan Kavouras, S. A., 2005, Caffeine use in sports, pharmacokinetics in man, and cellular mechanisms of action, *Crit Rev Food Sci Nutr*, 535-562.
- Malinauskas, B. M., Aeby, V. G., dan Overton, R. F., 2007, A survey of energy drink consumption patterns among college students, *Nutrition Journal*, 1-7.
- Marsthalina, H., Laraeni, Y., dan Dahlia, Y. P., 2015, Pola Konsumsi (Faktor Inhibitor dan Enhancer Fe) terhadap Status Anemia Remaja Putri, *Jurnal Kesehatan Masyarakat*, 80-86.

- Morita, H., Ikeda T., Kajita, K., Fujioka, K., Mori, I., Okada, H., Uno, Y., dan Ishizuka, T., 2012, Effect of royal jelly ingestion for six months on healthy volunteers, *Nutrition Journal*, 1-5.
- Morck, T. A., Lynch, S. R., dan Cook, J. D., 1983, Inhibition of food iron absorption by coffee, *American Society for Clinical Nutrition*, 416-420.
- Murdiati, A., Supriyanto, dan Triwitono, P., 1989, Uji Toksisitas Bahan Pemanis Buatan pada Tikus, *Pusat Antar Universitas Yogyakarta*.
- Murray, R. K., Bender, D. A., Bothen, K. M., Kennelly, P. J., Rodwell, V. W., Weil, P. A., 2009. *Harper's Illustrated Biochemistry*. McGraw-Hill : China.
- Pennay, A., dan Lubman, D. I., 2011. *Alcohol and caffeinated energy drinks: A preliminary study exploring patterns of consumption and associated harms*. Melbourne: Fare.
- Pitman Leung, J. L., Chacko, B., dan Ede, A. M., 2013. Energy Drinks The Good, the Bad, and the Jittery. Circadian White Paper. Dalam: *circadian.com*. Dikutip tanggal 10 April 2015.
- Proverawati, 2011. *Anemia dan Anemia Kehamilan*. Yogyakarta : Nuha Medika
- Putriastuti, R., Kustiyah L., dan Anwar, F., 2007, Persepsi, Konsumsi dan Preferensi Minuman Berenergi, *Jurnal Gizi dan Pangan*, 13-25.
- Prokic, M. D., Paunovic, M. G., Matic, M. M., Djordjevic, N. Z., Ognjanovic, B. I., Stajn, A. S., dan Saicic, Z. S., 2014. Prooxidative effects of aspartame on antioxidant defense status in erythrocytes of rats. *J. Biosci*, 859-866.
- Ruggenenti, P., Cattaneo, D., dan Loriga, G., 2009, Ameliorating hypertension and insulin resistance in subjects at increased cardiovascular risk: effects of acetyl-L-carnitine therapy, *Hypertension (Hypertension)*, 567-574.
- Rushton, D. H., Dover, R., Sainsbury, A. W., Norris, M. J., Gilkes, J. J. H., dan Ramsay, I. D., 2001, Why should women have lower reference limits for haemoglobin and ferritin concentrations than men?, *BMJ*, 1355-1357.
- Seifert, S.M., Schaechter, J. L., Hershorin, E. R., dan Lipshultz, S. E., 2011, Health effects of energy drinks on children, adolescents, and young adults, *Pubmed*, 511-528.
- Simsek, N., Karadeniz, A., dan Karaca, T., 2007, Effects of the *Spirulina platensis* and *Panax ginseng* oral supplementation on peripheral blood cells in rat, *Revue Méd*, 483-488.

- Sinha, M., dan Manna, P., 2008, Taurine protects the antioxidant defense system in the erythrocytes of cadmium treated mice, *BMB Reports*, India.
- Smith, C. J. S., Watson, C. F., dan Morris, P. C., 1990. Inheritance and effect on ripening of antisense polygalacturonase genes in transgenic tomatoes, *Plant Molecular Biology*, 369-379.
- Stanger, O., 2004, The potential role of homocysteine in percutaneous : review of current evidence and plausibility of, *Cellular and Molecular Biology*, 953-988.
- Tellone, E., Ficcaro, S., Russo, A., dan Bellico, E., 2011, Caffeine inhibits erythrocyte membrane derangement by antioxidant activity, *Biochimie*, 393-402.
- Tranggono. Kimia dan Biokimia Lipid, Kumpulan Hand Out Magang dalam Negeri Kimia dan Biokimia Pangan. *Pusat Antar Universitas Pangan dan Gizi UGM*.
- Van den Eynde, F., Van Baelen, P., Portzky, M., dan Audenaert, K., 2008. The effects of energy drinks on cognitive performance, *Tidjschr Psychiatr*, 273-281.
- Vittori, D., Vota, D., dan Nesse, A., 2012. *Anemia*. Rijeka: InTech.
- Walsh, M., Lutz, R., Gotter, T., dan O'Connor, R., 2002, Erythrocyte survival is promoted by plasma and suppressed by a Bak-derived BH3 peptide that interacts with membrane-associated Bcl-XL, *Blood*, 3439-3448.
- You, J. S., dan Chang, K. J., 1998, Taurine protects the liver against lipid peroxidation and membrane disintegration during rat hepatocarcinogenesis, *Adv Exp Med Biol*, 105-112.
- Zaidi, A., Marden, M. C., Poyart, C., dan Leclerc, L., 1995, Protection by l-azaroids of the erythrocyte (Ca<sup>2+</sup>, Mg<sup>2+</sup>) ATPase against iron-induced inhibition. *European Journal of Pharmacology*, 133-139.
- Zedginidze, I., Kiknadze, V. D., Kevlishvili, G. E., dan Mekhuzla, T. A., 1954. Change in bone marrow hemopoiesis and in cell composition of peripheral blood of dogs after prolonged administration of caffeine and amytal, *The Mukhadze Blood Transfusion Institute*, 341-344.