

DAFTAR PUSTAKA

- Abidah, N., Widyaningsih, T.D., Nugraheni, N.I.P., Wijayanti, S.D., Maligan, J.M. 2014. Pengaruh Margarin Apel Manalagi Tersuplementasi Minyak Kacang Tanah Terhadap Kadar Kolesterol Tikus Sprague Dawley Jantan. *Jurnal Pangan dan Agroindustri* Vol.2 No.1 p.18-27
- Adams, L. B. 2005. Hyperlipidemia. *Guidelines for Adolescent Nutrition Services*, 109–124.
- Agarwal, M., Parameswari R.P., Vasanthi H.R., Das K.D., 2012. Dynamic action of carotenoids in cardioprotection and maintenance of cardiac health. *Molecules*, 17(4), pp.4755–4769.
- Axelsen, L.N., Lademann, J.B., Petersen, J.S., *et al.*, 2010. Cardiac and metabolic changes in long-term high fructose-fat fed rats with severe obesity and extensive intramyocardial lipid accumulation. *American Journal of Physiology, Regulatory, Integrative and Comparative Physiology*, 298(6), pp.R1560–R1570.
- Barona J., Jones J.J., Kopec R.E., *et al.* 2012. A Mediterranean-style low-glycemic-load diet increases plasma carotenoids and decreases LDL oxidation in women with metabolic syndrome. *Journal of Nutritional Biochemistry*. June; 23(6)
- Basciano, H., Federico, L., Adeli, K. 2005. Fructose, insulin resistance, and metabolic dyslipidemia. *Nutrition & Metabolism*, 2, 5.
- Ble-Castillo, J. L., M. A. Aparicio-Trapala, I. E. Juárez-Rojop, *et al.* 2011. Differential Effects of High-Carbohydrate and High-Fat Diet Composition on Metabolic Control and Insulin Resistance in Normal Rats. *International Journal of Environmental Research and Public Health*, 9: 663-1676.
- Bray, G. 2007. How bad is fructose? *American Journal of Clinical Nutrition*, 86(4), 895–896.
- Bricker, L.A., Marraccine, J.V., Rosenblatt, S., Koziolvskis, P.L., Morris, H.P. 1974. Effects of Dietary Cholesterol on Bile Acid Synthesis in Liver and Hepatomas. *Cancer research* 34, 449-453.
- Carpenter, K.L., van der Veen, C., Hird R., *et al.* 1997. The carotenoids β -carotene, canthaxanthin and zeaxanthin inhibit macrophage-mediated LDL oxidation. *FEBS Letters* 401 262-266.
- Ciccone, Charles D. 2007. *Pharmacology in Rehabilitation, 4th edition*. F. A. Davis company.
- Couch, S.C., Crandell, J.L., Shah, A.S., *et al.* 2013. Fructose intake and cardiovascular risk factors in youth with type 1 diabetes: SEARCH for diabetes in youth study. *Diabetes Research and Clinical Practise* 100 265–271
- De Carvalho, L. M. J., Gomes, P. B., Godoy, R. L. D. O., *et al.* 2012. Total carotenoid content, α -carotene and β -carotene, of landrace pumpkins

- (*Cucurbita moschata* Duch): A preliminary study. *Food Research International*, 47(2), 337–340.
- Dirim, S.N. & Çalışkan, G., 2012. Determination Of The Effect Of Freeze Drying Process On The Production Of Pumpkin (*Cucurbita Moschata*), Puree Powder And The Powder Properties (*Cucurbita Moschata*). *GIDA*, 37, Pp.1–8.
- Fuhrman, B., Elis, A., Aviram, M. 1997. Hypocholesterolemic Effect of Lycopene and b-Carotene Is Related to Suppression of Cholesterol Synthesis and Augmentation of LDL Receptor Activity in Macrophages. *Biochemical And Biophysical Research Communications* 233, 658–662.
- Gammone, M.A., Riccioni, G., D’Orazio, N. 2015. Carotenoids: potential allies of cardiovascular health. *Food & Nutrition Research* 59: 26762
- Hendrasty, H.K. 2007. *Teknologi Pengolahan Pangan: Tepung Labu Kuning*. Yogyakarta: Kanisius.
- Huang, P. L. 2009. A comprehensive definition for metabolic syndrome. *Disease Models & Mechanisms*, 2(5-6), 231–237.
- Igfar, A. 2012. *Pengaruh Penambahan Tepung Labu Kuning (*Cucurbita moschata*) dan Tepung Terigu Terhadap Pembuatan Biskuit*. Jurusan Teknologi Pertanian, Fakultas Pertanian Universitas Hasanuddin.
- Indraswari, N. 2013. *Hubungan asupan seran dan Antioksidan dengan Kejadian Sindrom Metabolik Pada Peserta GMC Health Center*. Skripsi: Fakultas Kedokteran Universitas Gadjah Mada.
- Iswari, R.S. 2009. *Perbaikan Fraksi Lipid Serum Tikus Putih Hiperkolesterolemi Setelah Pemberian Jus dari Berbagai Olahan Tomat*. Semarang: Fakultas MIPA Universitas Negeri Semarang.
- kurniawan, L. B., Bahrun, U., Arif, M., Adam, J. M. F., *Kadar Oxldl Pada Penderita Diabetes Melitus Tipe 2 Ox Ldl Levels In Controlled And Uncontrolled Type 2 Diabetes Mellitus Patients*. Fakultas Kedokteran Universitas Hasanuddin.
- Kusumastuty, I. 2014. Sari Buah Markisa Ungu Mencegah Peningkatan Mda Serum Tikus Dengan Diet Aterogenik. *Indonesian Journal of Human Nutrition*, Volume 1 Edisi 1 : 50 – 56.
- Lecumberri, E., Goya, L., Mateos, R., Alia, M., Ramos, S., Izquierdo-Pulido, M., Bravo, L. 2007. A diet rich in dietary fiber from cocoa improves lipid profile and reduces malondialdehyde in hypercholesterolemic rats. *Nutrition*, 23: 332–341
- Lerman, R. H., Minich, D. M., Darland, G., *et al.* 2010. Subjects with elevated LDL cholesterol and metabolic syndrome benefit from supplementation with soy protein, phytosterols, hops rho iso-alpha acids, and Acacia nilotica proanthocyanidins. *Journal of Clinical Lipidology*, 4(1), 59–68.
- Liu, M. 2002. *LDL oxidation and LDL particle size in the development of atherosclerosis*. *Medicine*.

- Markovits, N., Amotz, A.B., & Levy, Y. 2009. The Effect of Tomato-Derived Lycopene on Low Carotenoids and Enhanced Systemic Inflammation and Oxidation in Severe Obesity. *IMAJ Vol 11*, October 2009.
- Mawarti, H., Ratnawati, R. & Lyrawati, D., 2012. Epigallocatechin Gallate Menghambat Resistensi Insulin pada Tikus dengan Diet Tinggi Lemak Inhibitory Effect of Epigallocatechin Gallate on Insulin Resistance in Rat with High Fat Diet. *Jurnal Kedokteran Brawijaya 27*(1), pp.43–50.
- Mayasari, D.R. & Rahayuni, A. 2014. Pengaruh Pemberian Serbuk Biji Labu Kuning (*Cucurbita Moschata*) Terhadap Penurunan Kolesterol LDL Pada Tikus Wistar Hiperkolesterolemia. *Journal of Nutrition College*, Volume 3, Nomor 4, Halaman 432-439
- Murador, D.C., da Cunha, D.T. & de Rosso, V.V. 2014. Effects of cooking techniques on vegetable pigments: A meta-analytic approach to carotenoid and anthocyanin levels. *Food Research International*, 65, pp.177–183.
- Murray, R.K., Granner, D.K., & Rodwell, V.W. 2006. *Biokimia Harper Edisi 27*. Jakarta: Penerbit Buku Kedokteran EGC.
- Olson, J.A. 1994. Absorption, transport, and metabolism of carotenoids in humans. *Pure & Appl. Chem.*, Vol. 66, No. 5, pp. 1011-1016,
- Panchal, S. K., & Brown, L. 2011. Rodent models for metabolic syndrome research. *Journal of Biomedicine and Biotechnology*.
- Prahastuti, S. 2011. Konsumsi Fruktosa Berlebihan dapat Berdampak Buruk bagi Kesehatan Manusia. *JKM*. Vol.10 No.2 Februari 2011:173-189, 10(2), 173–189.
- Pratama, A.S. 2008. *Manfaat emping Garut terhadap LDL dan tekanan darah penderita Diabetes Mellitus Tipe 2*. Skripsi: fakultas Kedokteran Universitas Gadjah Mada.
- Pusparini. 2006. Low density lipoprotein padat kecil sebagai faktor risiko aterosklerosis. *Universa medicina*, Vol. 25 No.1.
- Rao, A. V., & Rao, L. G. 2007. Carotenoids and human health. *Pharmacological Research*, 55(3), 207–216.
- Reaven, G. M. 2006. The metabolic syndrome: is this diagnosis necessary? *The American Journal of Clinical Nutrition*, 83(6), 1237–1247.
- Ryu, N. H., Lim, Y., Park, J. E., Kim, J., Kim, J. Y., Kwon, S. W., & Kwon, O. 2014. Impact of daily Chlorella consumption on serum lipid and carotenoid profiles in mildly hypercholesterolemic adults: a double-blinded, randomized, placebo-controlled study. *Nutrition Journal*, 13(1), 57.
- Sedigheh, A., Jamal M.S., Mahbubeh S., et al. 2011. Hypoglycaemic and hypolipidemic effects of pumpkin (*Cucurbita pepo* L.) on alloxan-induced

- diabetic rats. *African Journal of Pharmacy and Pharmacology*, 5(23), pp.2620–2626.
- Seo, J. S., Lee, K. S., Jang, J. H., Quan, Z., Yang, K. M., & Burri, B. J. 2004. The effect of dietary supplementation of carotene on lipid metabolism in streptozotocin-induced diabetic rats. *Nutrition Research*, 24(12), 1011–1021.
- Shrada, B., & Sisodia, S.S. 2010. Diabetes, Dyslipidemia, Antioxidant and Status of Oxidative Stress. *International Journal of Research in Ayurveda&Pharmacy* 1 (1) 33-42.
- Situmorang, R., & Kartasurya, M.I. 2014. Perbedaan perubahan kadar trigliserida setelah pemberian ekstrak dan rebusan daun salam (*Eugenia polyantha*) pada tikus *Sprague Dawley* yang diberi pakan tinggi lemak. *Journal of Nutrition College* volume 3 no 1; 26-33
- Sorace, P., LaFontaine, T., Thomas, T.R. 2006. Know the Risks: Lifestyle Management of Dyslipidemia. *ACSM'S Health&Fitness Journal*, 10(4).
- Suckow, M.A., Weisbroth, S.H., Franklin, C.L. 2005. *The Laboratory Rat*. London: Elsevier Academic Press.
- Sutono, T. 2013. *Efektivitas Ekstrak Etanol Kulit Buah Manggis (*Garcinia mangostana L*) Meredam Stres Oksidatif Penderita Jerawat (*acne vulgaris*) Derajat Ringan dan Sedang Pada Mahasiswa di Asrama Akademi Keperawatan di Jakarta*. Tesis: Fakultas Farmasi Universitas Indonesia.
- Stanhope, K.L., & Havel, P.J. 2008. Fructose consumption: potential mechanisms for its effects to increase visceral adiposity and induce dyslipidemia and insulin resistance. *Curr Opin Lipidol*. 2008 Feb; 19(1): 16–24.
- Tappy, L., Lê, K.A., Tran, C., & Paquot, N. 2010. Fructose and metabolic diseases: New findings, new questions. *Nutrition*, 26(11-12), 1044–1049.
- Thaman, R., & Arora, G. 2013. Metabolic Syndrome: Definition and Pathophysiology – the discussion goes on! *Journal of Physiology and Pharmacology Advances*, 3(3), 48.
- Tranchida, F., Léopold T., Zo R., Valérie D., Olivier R., Abel H. 2012. Long-term high fructose and saturated fat diet affects plasma fatty acid profile in rats. *Biomed & Biotechnol*, 13(4):307-317.
- Tsuchiya, H., Ehata, Y., Sakabe, T., Hama S., Kogure, K., Shiota, G. 2013. High-fat, high-fructose diet induces hepatic iron overload via a hepcidin-independent mechanism prior to the onset of liver steatosis and insulin resistance in mice. *Metabolism: Clinical and Experimental*, 62(1), pp.62–69.
- Usha, R., Lakshmi, M., & Ranjani, M. 2010. Nutritional, sensory and physical analysis of pumpkin flour incorporated into weaning mix. *Malaysian Journal of Nutrition*, 16(3), 379–387.

- Usmiati, S., Setyaningtyas, D., Purwani, E.Y., Yuliani, S., & Maria, O.G. 2005. Karakteristik Serbuk Labu Kuning. *Jurnal Teknologi dan Industri Pangan*, Vol. XVI No. 2.
- Voutilainen, S., Nurmi, T., Mursu, J., & Rissanen, T. H. 2006. Carotenoids and cardiovascular health. *American Journal of Clinical Nutrition*, 83:1265-71
- Wostmann, B.S. 1975. Nutrition and metabolism of the germfree mammal. *World Rev. Nutr. Diet.*, 22, pp. 40-92.
- Zhang, Y. H., An, T., Zhang, R. C., Zhou, Q., Huang, Y., & Zhang, J. 2013. Very High Fructose Intake Increases Serum LDL-Cholesterol and Total Cholesterol: A Meta-Analysis of Controlled Feeding Trials 1 – 3. *The Journal of Nutrition*, 143(C), 1391–1398.
- Zock, P.L.& Katan, M.B. 1998. Diet, LDL oxidation, and coronary artery disease. *American Journal of Clinical Nutrition* 68:759–60