

## DAFTAR PUSTAKA

- Adam, J. M. (2009). Dislipidemia. Dalam A. W. Sudoyo, B. Setiyohadi, I. Alwi, M. Simadibrata, & S. Setiati, *Buku Ajar Ilmu Penyakit Dalam Edisi 5* (pp. 1984-1992). Jakarta: Pusat Penerbitan Departemen I.P.
- Allister, E. M., Borradnile, N. M., Edwards, J. Y., & Huff, M. W. (2006). Inhibition of Microsomal Triglyceride Transfer Protein Expression and Apolipoprotein B100 Secretion by the Citrus Flavonoid Naringenin and by Insulin Involves Activation of the Mitogen Activated Protein Kinase Pathway in Hepatocytes. *J Lipid Res*, 1676-1683.
- Almatsier, S. (2006). *Prinsip Dasar Ilmu Gizi Edisi 6*. Jakarta: Gramedia.
- Anwar, T. B. (2004). Dislipidemia Sebagai faktor Risiko Penyakit Jantung Koroner . *Jurnal Fakultas Kedokteran Universitas Sumatera Utara* .
- Arief , M. I., Novriansyah, R., Budianto, I. T., & Harmaji, M. B. (2012). Potensi Bunga Karamunting (*Melastoma malabathricum* L.) Terhadap Kadar Kolesterol Total dan Trigliserida pada Tikus Putih Jantan Hiperlipidemia yang Diinduksi Propiltiourasil. *Jurnal Fakultas Kedokteran Unlam*.
- Asmariansi, W. G. (2012). Pengaruh Pemberian Buah Pepaya Terhadap Kadar Kolesterol LDL dan HDL pada Tikus. *Jurnal Fakultas Kedokteran Universitas Diponegoro*.
- Astrawan, M. (2013). *Buah Ajaib Tumpas Penyakit*. Jakarta: Swadaya.
- Avinash , P., Swapneel, K., Darshana, P., & Anita , P. (2012). A Comprehensive Review of An Important Medicinal Plant-Averrhoa carambola L. *Journal Departement of Botany Birla College*, 13-17.
- Botham, K. M., & Mayes, P. A. (2009). Cholesterol Synthesis Transport & Excretion. In R. K. Murray , D. K. Granner , P. A. Mayes, & V. W.

- Rodwell, *Harper's Illustration Biochemistry Edisi 28* (pp. 224-233). New York: McGraw-Hill Companies Inc.
- Brouns, F., Theuwissen, E., Adam, A., Bell, M., Berger, A., & Mensink, R. P. (2012). Cholesterol-lowering Properties of Different Pectin Types in Mildly Hypercholesteremic Men and Women. *European Journal of Clinical Nutrition*, 591-599.
- Brown, L., Rosner, B., Willet, W. W., & Sacks, F. M. (1999). Cholesterol Lowering Effects of Dietary Fiber : a Meta Analysis. *The American Journal of Clinical Nutrition*.
- Buhler, D. R., & Miranda, C. (2000). Antioxidant Activities of Flavonoids . *Departement of Environmental and Molecular Toxicology Oregon State University*.
- Cahyono, J. S. (2009). *Batu Empedu*. Yogyakarta: Kanisius.
- Chang, C. T., Chen, Y. C., Fang, J. T., & Huang, C. C. (2002). Starfruit (*Averrhoa carambola* L) Intoxication : An Important Cause of Consciousness Disturbance in Patients with Renal Failure. *Ren Fail*.
- Chau, C.-F., Chen, C.-H., & Wang, Y.-T. (2004). Effects of a Novel Pomace Fiber on Lipid and Cholesterol Metabolism in The Hamster. *Nutrition Research*, 337-345.
- Cullen, J. (2013). *Soluble Fiber : Another Way to Fight High Cholesterol*. Retrieved Desember 28, 2013, from <http://www.bd.com/us/diabetes/page.aspx?cat=7001&id=7491>.
- Dalimartha, S. (2008). *36 Resep Tumbuhan Untuk Menurunkan Kolesterol*. Jakarta: Penebar Swadaya.
- Depkes RI. (2009). *Pedoman Pengendalian Penyakit Jantung dan Pembuluh Darah*. Jakarta: Departemen Kesehatan Republik Indonesia.

- Dhesti, A. P., & Widyaningsih, T. D. (2014). Pengaruh Pemberian Liang Teh Berbasis Cincau Hitam (*Mesona palustris* BL) Terhadap Kadar Kolesterol Tikus Wistar. *Jurnal Pangan dan Agroindustri* , 103-109.
- Elfadil , A. G., Sabahelkhier, M. K., Rayan, M. Y., Daa, M. O., Nagla , A. H., & Israa, S. B. (2013). Effect of Tannin and Plant Tannins on some Organs and Physic-Chemical Characters of Diabetic Wistar. *International Journal of Advanced Research*, 165-170.
- Garcia-Diez, F., Garcia Mediavilla, V., Bayon, J., & Gonzalez Gallego, J. (1996). Pectin Feeding Influences Fecal Bile Acid Excretion, Hepatic Bile Acid and Cholesterol Synthesis and Serum Cholesterol in Rats. *J Nutr*, 1766-1771.
- Goldberg , A. C. (2008). *Dyslipidemia*. Retrieved Februari 12, 2014, from Merck Manual for Health Care Professionals: [http://www.merckmanuals.com/professional/endocrine\\_and\\_metabolic\\_disorders/lipid\\_disorders/dyslipidemia.html](http://www.merckmanuals.com/professional/endocrine_and_metabolic_disorders/lipid_disorders/dyslipidemia.html).
- Goodman, S. (2000). *Ester-C Vitamin C Generasi ke III* . Jakarta : PT Gramedia Pustaka Utama.
- Grundy, S. M. (2006). Nutrition in The Management of Disorders of Serum Lipids and Lipoproteins. In E. M. Shils, M. Shike, A. C. Ross, B. Caballero, & R. J. Cousins, *In Modern Nutrition in Health Disease* (p. 1076). Philadelphia: Lipincott William & Wilkins.
- Guyton, A. C., & Hall, J. E. (2008). Metabolisme Lipid. Dalam *Buku Ajar Fisiologi Kedokteran* (p. 884). Jakarta: EGC.
- Hakim, R. D. (2010). Pengaruh Pemberian Ekstrak Bawang Merah (*Allium ascalonicum*) Terhadap Kadar Kolesterol LDL Serum Tikus Wistar Hiperlipidemia. *Jurnal Fakultas Kedokteran Universitas Diponegoro*.

- Hanafiah, K. A. (2005). *Rancangan Percobaan : Teori dan Aplikasi*. Jakarta: Raja Grafindo Persada.
- Harjana, T. (2011). Kajian Tentang Potensi Bahan-Bahan Alami untuk Menurunkan Kadar Kolesterol Darah. *Jurnal Jurusan Pendidikan Biologi FMIPA UNY*.
- Harwood , H. J., Chandler, C. E., Pellarin , L. D., Bangerter, F. W., Wilkins, R. W., Long, C. A., et al. (1993). Pharmacologic Consequences of Cholesterol Absorption Inhibition: Alteration in Cholesterol Metabolism and Reduction in Plasma Cholesterol Concentration Induced by The Synthetic Saponin Beta-Tigogenin Cellobioside. *J Lipid Res*, 377-395.
- Helmenstine, A. M. (2012). *Vitamin C Ascorbic Acid Chemical Structure* . Retrieved Desember 21, 2013, from <http://chemistry.about.com/od/factsstructures/ig/Chemical-Structures---V/Vitamin-C---Ascorbic-Acid.htm>.
- Higdon, J. (2006). *Vitamin C*. Retrieved Juni 18, 2014, from Linus Pauling Institute: <http://lpi.oregonstate.edu/infocenter/vitamins/vitaminC/>.
- Ismawan, B. (2012). *Herbal Indonesia Berkhasiat* (Vol. 10). Depok : PT Trubus Swadaya.
- Jellinger, P. S., Smith, D. A., Mehta, A. E., Ganda, O., Handelsman, Y., Rodbard, H. W., et al. (2012). *Medical Guidelines for Clinical Practice for The Diagnosis and Treatment of Dyslipidemia and Prevention of Atherogenesis Endocrine Practice Vol 18*. The American Association of Clinical Endocrinologists.
- Khoo, Z. Y., Teh, C. C., & Chin, J. H. (2010). Evaluation of The Toxic Effect of Star Fruit on Serum Biochemical Parameters in Rats . *Pharmacogn Mag*, 120-124.

- King, M. W. (2013). *Bile Acid Synthesis and Utilization*. Retrieved Desember 29, 2013, from <http://themedicalbiochemistrypage.org/bileacids.php>.
- Krzysik, M., Grajeta, H., Prescha, A., & Weber, R. (2011). Effect of cellulose, pectin and chromium (III) on lipid and carbohydrate metabolism in rats. *J Trace Elem Med Biol*, 97-102.
- Mahattanatawee, K., Manthey, J. A., Luzio, G., Talcott, S. T., Goodner, K., & Baldwin, E. A. (2006). Total Antioxidant Activity and Fiber Content of Selected Florida Grown Topical Fruits. *J. Sci. Food Agric.*
- Manda, H., Vyas, K., Pandya, A., & Singhai, G. (2012). A Complete Review On : Averrhoa Carambola. *World Journal of Pharmacy and Pharmaceutical Sciences*, 17-33.
- Marks, D. B., Marks, A. D., & Smith, C. M. (2000). *Biokimia Kedokteran Dasar : Sebuah Pendekatan Klinis*. Jakarta: EGC.
- Matsui, Y., Kobayashi, L., Masuda, H., & Kigoshi, H. (2009). Quantitative Analysis of Saponins in a Tea Leaf Extract and their Antihypercholesterolemic Activity. *Bioscience Biotechnology Biochemical*, 1513-1519.
- McRae. (2008). Vitamin C Supplementation Lowers Serum Low Density Lipoprotein Cholesterol and Triglycerides: A Meta Analysis of 13 Randomized Controlled Trials. *Journal of Chiropractic Medicine*, 48-58.
- Meirindasari, N. (2013). Pengaruh Pemberian Jus Biji Pepaya (*Carica papaya* L.) Terhadap Kadar Kolesterol Total Tikus Sprague Dawley Dislipidemia. *Jurnal Fakultas Kedokteran Universitas Diponegoro*.
- Miettinen, T. A. (1987). Dietary Fiber and Lipids. *Am J Clin Nutr*, 1237-1242.
- Mitchell, R. N., & Schoen, F. J. (2010). Blood Vessels. In V. Kumar, A. K. Abbas, N. Fausto, & J. C. Aster, *Robbins and Cotran Pathologic Basis of Disease Edisi 8* (pp. 496-506). Philadelphia: Elsevier Inc.

- NCEP ATP III. (2001). *Blood Cholesterol*. Retrieved Desember 26, 2013, from <http://www.nhlbi.nih.gov/guidelines/cholesterol/atp3full.pdf>.
- Oyewole, O. I., & Akingbala, P. F. (2011). Phytochemical Analysis and Hypolipidemic Properties of *Jatropha tanjorensis* Leaf Extract. *European Journal of Medicinal Plant*, 180-185.
- Payal, G., Pankti, K., Manodeep, C., & Jagadish, K. (2012). Phytochemical and Pharmacological Profile of *Averrhoa Carambola* L. : An Overview . *International Research Journal of Pharmacy* , 88-91.
- Persatuan Ahli Gizi Indonesia. (2008). *Tabel Komposisi Pangan Indonesia (TKPI)*. Jakarta: PT Elex Media Komputindo.
- Potter , S. M., Jimenez-Flores, R., Pollack, J., Lone , T. A., & Berber-Jimenes , D. (1993). Protein-Saponin Interaction and Its Influence on Blood Lipids . *J. Agric Food Chem*, 1287-1291.
- PPOMMIPOBAPM. (1993). *Penapisan Farmakologi, Pengujian Fitokima dan Pengujian Klinik*. Jakarta: Yayasan Pengembangan Obat Bahan Alam Phyto Medica.
- Prakoso, Z. (2006). Pengaruh Pemberian Vitamin C Terhadap Kadar LDL dan HDL Kolesterol Serum Tikus Wistar Jantan Hiperlipidemia Setelah Perlakuan Jus Lidah Buaya (*Aloe vera* L.). *Jurnal Fakultas Kedokteran Universitas Diponegoro*.
- Puspaningtyas, D. E. (2013). *The Miracle of Fruits* . Jakarta : AgroMedia .
- Rader, D. J., & Hobbs, H. H. (2008). Disorders of Lipoprotein Metabolisme. In A. S. Fauci, D. L. Kasper, D. L. Longo, E. Braunwald, S. L. Hauser, J. L. Jameson, et al., *Harrison's Principles of Internal Medicine Edisi 17*. New York: McGraw-Hill Inc.

- Rahim, A. (1997). Profil Kromatografi Lapis Tipis Kandungan Kimia Daun Cereme (*Phyllanthus acidus* S.), Belimbing Wuluh (*Averrhoa bilimbi* L.), dan Belimbing Manis (*Averrhoa carambola* L.). *Penelitian Farmasi UGM*.
- Ridha, A. (2013). Efek Jus Buah Belimbing (*Averrhoa Carambola* L.) Terhadap Kadar Glukosa Darah Tikus Putih (*Rattus norvegicus*) Jantan Galur Wistar yang Dibeberani Glukosa. *Jurnal Kedokteran Universitas Tanjungpura* .
- Rubenstein, D., Wayne, D., & Bradley, J. (2007). *Kedokteran Klinis Edisi Keenam*. Jakarta: Penerbit Erlangga.
- Saghir, S. M., Sadikun, A., Khaw, K.-Y., & Murugaiyah, V. (2013). Star Fruit (*Averrhoa carambola* L.) : From Traditional Uses to Pharmacological Activities. *Boletin Latinoamericano y del Caribe de Plantas Medicinales y Aromaticas* , 209-219.
- Sianipar, R. A. (2007). Pengaruh Pemberian Vitamin C Terhadap Kadar Kolesterol dan Trigliserid Darah Marmot (*Cavia Porsellus*). *Jurnal Fakultas Farmasi Univesitas Sumatra Utara* .
- Smith, C., & Alan, M. R. (1991). *Textbook of Pharmacology*. London: WB Sanders Company.
- Sukadana, I. M. (2009). Senyawa Antibakteri Golongan Flavonoid dari Buah Belimbing Manis (*Averrhoa carambola* L.) . *Penelitian Kimia Organik Bahan Alam Jurusan Kimia FMIPA Universitas Undayana* .
- Suyatna, F. D. (2009). Hipolipidemik. Dalam *Farmakologi dan Terapi* (pp. 380-1). Jakarta: Balai Penerbitan Fakultas Kedokteran Universitas Indonesia.
- Syah, M. N. (2010). Daya Serap Pektin dari Kulit Buah Durian (*Durio zibethinus*) Terhadap Logam Tembaga dan Seng. *Jurnal Fakultas Farmasi Universitas Sumatra Utara* .

- Tebib, K., Besancon, P., & Rounet, J. M. (1994). Dietary Grape Seed Tannins Affect Lipoproteins, Lipoproteins Lipases and Tissue Lipids in Rats Fed Hypercholesterolemic Diets. *Jorunal of Nutrition*, 2451-1457.
- Terpstra, A. H., Lapre, J. A., de Vries, H. T., & Beynen, A. (2012). Dietary Pectin with High Viscosity Lower a Plasma and Cholesterol Concentration and Plasma Cholesteryl Ester Transfer Protein Activity in Hamster . *European Journal Nutrition*, 19-23.
- Thomas, S., Patil, D. A., Patil, A. G., & Naresh, C. (2008). Pharmacognostic Evaluation and Physicochemical Analysis of Averrhoa Carambola L. Fruit. *Journal of Herbal Medicine and Toxicology*, 51-54.
- Tjay, T. (2002). *Obat-Obat Penting Edisi Kelima* . Jakarta: PT Elex Media Komputindo Kelompok Gramedia.
- Waghorn, G. C., & McNabb, W. C. (2003). Consequences of Plant Phenolic Compounds for Productivity and Health of Ruminants. *Proc Nutr Soc*, 383-92.
- Waji, R. A., & Sugrani, A. (2009). Flavonoid . *Jurnal Fakultas Matematika dan Ilmu Pengetahuan Alam Universitas Hasanuddin*.
- Westendarp, H. (2006). Effects of Tannins in Animal Nutrition. *Dtsch Tierarztl Wochenschr*, 264-268.
- WHO. (2003). *Traditional Medicine*. Retrieved Desember 20, 2013, from WHO: [://www.who.int/mediacentre/factsheets/fs134/en/](http://www.who.int/mediacentre/factsheets/fs134/en/).
- WHO. (2013). *Cardiovascular Disease*. Retrieved Januari 5, 2014, from WHO: <http://www.who.int/mediacentre/factsheets/fs317/en/>.
- Widyaningrum, H. (2011). *Kitab Tanaman Obat Indonesia*. Yogyakarta: MedPress.



Wilcox, L. J., Borradaile, N. M., de Reu, L. E., & Huff, M. W. (2001). Secretion of Hepatocyte apoB is Inhibited by Flavonoids, Naringenin and Hesperetin Via Reduced Activity and Expression of ACAT2 and MTP. *J Lipid Res*, 724-725.

Wiryowidagdo, S., & Sitanggang, M. (2002). *Tanaman Obat untuk Penyakit Jantung, Darah Tinggi, dan Kolesterol*. Jakarta : AgroMedia Pustaka.

Zelman, K. M. (2013). *Dietary Fiber: Insoluble vs Soluble*. Retrieved Desember 20, 2013, from [www.webmd.com](http://www.webmd.com).