DAFTAR PUSTAKA

Acton, Q. Ashton (2013) *Advances in Hydrogen Sulfide Research and Application: 2013 Edition*. Georgia: ScholarlyEdition.

Almatsier, S. (2004) *Prinsip Dasar Ilmu Gizi*. Jakarta: Gramedia Pustaka Utama.

Anggorowati (2008) *Analisis Pemetikan Tanaman teh (Camellia sinensis (L.) O. Kuntze) di Perkebunan Rumpun Sari Kemuning, PT Sumber Abadi Tirtasentosa, Ngargoyoso, Karanganyar, Jawa tengah*. Skripsi. Departemen Agronomi, Fakultas Pertanian, Institut Pertanian Bogor. Bogor. 75 hal.

Anis. (2006) *Waspada Ancaman penyakit tidak menular,* Solusi Pencegahan dari Aspek Perilaku & Lingkungan. Jakarta: PT Elex Media Komputindo.

Ariviani, S., Rachmawati, D.A., Listiyaningsih, E. (2012) Potensi minuman bubuk kedelai (var. Galunggung) sebagai minuman fungsional: sifat fisikokimia, efek hipoglikemik dan hipokolesterolemik serta status antioksidan. *Jr. Ked. UNS*, 1(1): 1-11.

Babu, P.S., Prabuseenivasan S, Ignacimuthu S. (2006) Cinnamaldehyde-A potential antidiabetic agent. *Phytomedicine*, 14, pp. 15-22.

Bait, Y. (2011) Pengaruh pemberian Teh Hitam dan Teh Hijau (*Camellia sinensis* var. *Assamica*), Teh Daun Murbei (*Morus kanva*), dan Campurannya Terhadap Kadar Hemoglobin Glikosilat dan Insulin pada Tikus Diabetes. *Jurnal Health & Sport*, 2 (1) pp. 67 – 126.

Boarder, M., Navti, P., Newby D. (2010) *Pharmacology for Pharmacy and the Health Sciences: a patient-centred approach Paperback*. Oxford University Press.

Bruckner, G. (2008). *Fatty Acids, Lipids, and Cellular Signaling. Dalam: Fatty Acids in Foods and Their Health Implications, Edisi III*. ed Ching Kuang Chow. New York: CRC Press.

Budiharto. (2008) *Metodologi Penelitian Kesehatan: dengan Contoh Bidang Ilmu Kesehatan Gigi*. Jakarta: EGC.

Bursill, C. a. & Roach, P.D. (2007) A green tea catechin extract upregulates the hepatic low-density lipoprotein receptor in rats. *Lipids*, 42(7), pp.621–627.

Cabrera, C., Artacho, R. and Gimenez, R. (2006) Beneficial effects of green tea - a review. *J. Nutr.*, pp. 25 79 – 99.

Cahyono, J.B.S.B. (2008) *Gaya Hidup dan Penyakit Modern*. Yogyakarta: Penerbit Kanisius

Champe, P.C., Harvey, R.A., Ferrier D.R. (2008) *Metabolism of dietary lipids. In: Biochemistry. 4th ed.* USA: Lippincott Williams and Wilkins.

Chan, P.T., Fong, W.P., Cheung Y.L., Huang, Y., Ho, W.K.K., Chen, Z.Y. (1999) Jasmine green tea epicatechins are hypolipidemic in hamsters (Mesocricetus auratus) fed a high fat diet. *J. Nutr.*, 129, pp. 1094–1101.

Chao, S.C., D.G. Young, and C.J. Oberg (2000) Screening for inhibitory activity of essential oils on selected bacteria, fungi and viruses. *J. Essent. Oil Res*, 12, pp. 639 - 649.

Chisaka T, Matsuda H, Kubomura Y, Mochizuki M, Yamahara J, Fujimura H. (1988) The effect of crude drugs on experimental Hypercholesterolemia: mode of action by (-) epigallocatechin gallate in tea leaves. *Chem. Pharm. Bull.*, 36, pp. 227–233.

Ciccone, Charles D. (2007) *Pharmacology in Rehabilitation, 4th Edition*. F. A. Davis Company.

Coimbra, S., Santos-Silva, A., Rocha-Pereira, P., Rocha S., Castro, E. (2006) Green tea consumption improves plasma lipid profiles in adults. J. *Nutr. Res.,* 26(11), pp.604–607.

Delima, Mihardja, L., Siswoyo, H. (2009) Prevalensi Faktor Determinan Penyakit Jantung di Indonesia. *Bul. Penelit. Kesehat.*, 37 (3) pp. 142-159.

Depkes RI (2001). *Inventaris Tanaman Obat Indonesia 1, Jilid II*. Jakarta: Departemen Kesehatan RI.

Dorland, W.A N. (2002) *Kamus Kedokteran Dorland*, *Edisi 29*. Jakarta: EGC

Fatmawati (2008) *Pengaruh Lama Pemberian Ekstrak Daun Sambiloto Terhadap Kadar Kolesterol, LDL, HDL Dan Trigliserida Darah Tikus Diabetes*. Skripsi. Malang: Universitas Islam Negeri Malang.

Federer, W.T. (1977) *Experimental Design Theory and application, Third Edition.* New Delhi: Oxford and IBH Publishing Co.

Felix, M. (2010) Kepraktisak Ekstrak Teh Hijau. *Food Review Indonesia* V (1), pp. 44-47.

Gajda, Angela M. (2008) High Fat Diets for Diet-Induced Obesity Models. *Research Diet, Inc*.

Ganie, R.A., Lindarto, D. (2014) *Penilaian Rasio Apo B / Apo A1 Pada Subjek Sindrom Metabolik dan Obesitas*. Tesis. Medan: Universitas Sumatera Utara.

Gibney, M.J. Margaretts, B.M., Kearney, J.M., Arab, L. (2008) *Gizi Kesehatan Masyarakat*. Jakarta: EGC.

Gropper, Sareen S., Smith, Jack L., Groff, James L. (2009) *Advanced Nutrition and Human Metabolism*, Fifth Edition. USA: Wadsworth.

Guyton, A., Hall, J. (2008) *Buku Ajar Fisiologi Kedokteran*. 11th ed. Jakarta: EGC.

Hahn-Obercyger, M., Graeve, L. & Madar, Z. (2009) A high-cholesterol diet increases the association between caveolae and insulin receptors in rat liver. *J. Lipid Res.*, 50(1), pp.98–107.

Harini, M., Astirin, O.P., (2009) Blood cholesterol level of hypercholesterolemia Rats (Rattus norvegicus) After VCO treatment. *Nusantara Bioscience*, 1 (2) pp. 53-58.

Hartono, A. (2006) *Terapi Gizi dan Diet Rumah Sakit*. Jakarta: EGC, Penerbit Buku Kedokteran.

Hartoyo, A. (2003) *Teh dan Khasiatnya bagi Kesehatan*. Yogyakarta: Penerbit Kanisius.

Hartoyo, A., Astuty, M. (2002) Aktivitas antioksidatif dan hipokolesterolemik ekstrak teh hijau dan teh wangi pada tikus yang diberi ransum kaya asam lemak tidak jenuh ganda. *Jurnal Tek. Dan Indsutri Pangan*, XIII, 1, pp 78-85.

Harwanto (2013) *Pengaruh Penambahan Kayu Manis (Cinnamomum burmanni Ness ex Bl.) Sebagai Sumber Sinamaldehid dalam Pakan Terhadap Produksi Metan dan Kinerja Domba Ekor Tipis*. Tesis. Yogyakarta: Universitas Gadjah Mada.

Hau, J., Schapiro, S.J. (2011). *Handbook of Laboratory Animal Science, Third Edition Volume 1: Essential Principles and Practices*. Boca Raton: CRC Press.

Hsu, C.H., Tsai, T.H., Kao, Y.H., Hwang, K.C., Tseng, T.Y., Chou, P. (2008) Effect of green tea extract on obese women: a randomized, double-blind, placebo-controlled clinical trial. *Clin. Nutr.*, 27 (3), pp. 363-370.

Hubrecht, R., Krikwood, J. (2010) *The UFAW Handbook On: The Care and Management of Laboratory and Other Research Animals*. Wiley-Blackwell.

Hutajulu, A.T., Jupri, M. (2010) *Analisis Ekonomi Usaha Tani Kulit Manis di Kabupaten Pakpak Barat.* Skripsi. Medan: Universitas Sumatera Utara.

Imparl-Radosevich, J, Deas S, Polansky M M, Baedke DA, Ingebritsen TS. (1998) Regulation of PTP-1 and insulin receptor kinase by fractions from cinnamon: implication for cinnamon regulation of insulin signalling. *Horm Res.,* (50) pp. 177–82.

Jahari, A. (2011) *Uji Perbandingan Efek Penurunan Kadar Kolesteror Teblet Simvastatin Generik Dengan Merek Dagang Menggunakan Alat Vitros*. Skripsi. Medan: Universitas Sumatera Utara.

Javed, I., Faisal, I., Zia-Ur-Rahman, khan, Muhammad Z., Muhammad, F., Aslam, B., Ahmad, M., Shahzadi, A. (2012) Lipid lowering effect of Cinnamomum zeylanicum in hyperlipidaemic albino rabbits. *Pak. J. Pharm. Sci.*, 25 (1), pp.141–147.

Kannapan, S., Jayaraman, T., Rajasekar, P., Ravichandran, M. K Anuradha. (2006) Cinnamon bark extract improves glucose metabolism and lipid profile in the fructose-fed rat. *Singapore Med. J.*, 47, 10, pp. 858-863.

Kao, Y.H., Hiipakka, R.A., Liao, S. (2000) Modulation of obesity by a green tea catechin. *Am. J. Clin. Nutr.,*72 (5), 1232–1234.

Khan, A., Safdar, M., Ali Khan M.M., Khattak K.N., Anderson, R.A. (2003) Cinnamon improves glucose and lipids of people with type 2 diabetes. *Jr. Diabet. Care*, 26 (12) pp. 3215-8.

Khokhar, S. & Magnusdottir, S.G.M. (2002) Total phenol, catechin, and caffeine contents of teas commonly consumed in the United Kingdom. *J. Agric. Food Chem.*, 50(3), pp.565–570.

Kim, H.J., Jeon, S.M., Lee, M.K., Jung, U.J., Shin, S.K., Choi, M.S. (2009) Antilipogenic effect of green tea extract in C57BL/6J-Lepob/ob mice. *Phytother. Res.,* 23 (4) pp. 467 – 471.

Kim, S.H., Hyun, S.H., Choung, S.Y. (2006) Anti-diabetic effect of cinnamon extract on blood glucose in db/db mice. *J. Ethnopharmacol.*, 104, pp. 119–123.

Kumar, A. (2012) Significance of Lipid Profile Assay as a Diagnostic and Prognostic Tools. Internal Medical Publishing.

Kumar, V., Abbas, K. A., Fausto, N., & Mitchell, R. N. (2007) *Robbins Basic Pathology 8th ed*. USA: Saunders Elsevier.

Laurence, B.A.L. (1964) *Evaluation of Drug Activities: Pharmacometrics*. New York: Academic Press dalam Harmita dan Radji M., (2008*) Buku Ajar Analisis Hayati: Edisi 3*. EGC Penerbit Buku Kedokteran: Jakarta.

Lee, S., Joo, H., Kim, Chong-Tai, Kim, In-H., Kim, Y. (2012) High hydrostatic pressure extract of garlic increases the HDL cholesterol level via up-regulation of apolipoprotein A-I gene expression in rats fed a high-fat diet. *Lipids Health Dis.*, 11 (1), p.77-73.

Leowski, J. (2006) *Regional Framework for Noncommunicable Disease Prevention and Control in Regional Consultation on Regional Strategy for Health Promotion for Southeast Asia*. Chiang Mai, Thailand, 26-29 Juni.

Mahan, L.K., Escott, S. (2008) *Krause's Food and Nutrition Therapy*. USA: Saunder Elsevier.

Manurung, E. (2003) *Hubungan antara Asupan Lemak Tak Jenuh Tunggal dengan Kadar Kolesterol High Density Lipoprotein Plasma Penderita Penyakit Jantung Koroner*. Tesis. Program Pendidikan Pasca Sarjana UI. Jakarta.

Masood N. (2006) Anti-microbial Activity of Cinnamomum Cassia Againts Diverse Microbial Flora With Its Nutritional and Medical Impact Respiratory. *Pak. J. Bot.*, 38, 1, pp. 169-74.

Mills, Daniel S., Marchant-Forde, Jeremy N., McGreevy, Paul D., Morton, David B., Nicol, Christine J., Philips, Clive J.C., Sandoc, P. (2010) *Encyclopedia of Applied Animal Behaviour and Welfare*. United Kingdom: Cambridge University Press.

Murray, R.K., Granner, D.K., Mayes, P.A., dan Rodwell, V.W. (2003). *Biokimia Harper*. Edisi 25. Jakarta: Penerbit Buku Kedokteran EGC.

National Research Council (1995) *Nutrient Requirements of Laboratory Animals, Fourth Revised Edition*. Washington D.C.: National Academy Press.

Oemijati, Setiabudy, R., Budijanto, A. (1987) Pedoman etik penelitian kedokteran Indonesia. Jakarta: Penerbit Fakultas Kedokteran Universitas Indonesia dalam Ridwan, E. (2013) Etika Pemanfaatan Hewan Percobaan dalam Penelitian kesehatan. *J. Indon. Med. Assoc.*, 63 (3) pp. 112-116.

Parasuraman, S., Raveendran, R., Kesavan R. (2010) Blood Sample Collection in Small Laboratory Animals. *J. Pharmacol Pharmacother*. 1 (2) pp. 87–93.

Park, H.J., Lee, J., Chung, M.Y., Park, Y.K., Bower, Allyson M., Koo, Sung I., Giardana, C., Bruno, Richard S. (2012) Green Tea Extract Suppresses NF k B Activation and Inflammatory Responses in Diet-Induced Obese Rats with Nonalcoholic Steatohepatitis. *J. Nutr.*, 1 – 3. , (8), pp.57–63.

Patil, U.K., Saraf, S., Dixit, V.K. (2004) Hypolipidemic activity of seeds of Cassia tora Linn. *J. Ethnopharmacol*. 90, pp. 249–252.

Perva-Uzunalić, A., Skerget, M., Knez, Z., Weinreich, B., Otto, F., Gruner, S. (2006) Extraction of active ingredients from green tea (*Camellia sinensis*): Extraction efficiency of major catechins and caffeine. J. *Food Chem.*, 96 (4), pp.597–605.

Pinzon, R. (2010) *Awas Stroke! Pengertian, Gejala, Tindakan, Perawatan, dan Pencegahan*. Yogyakarta: Andy.

Prangdimurti, E., Palupi, N.S., Zakaria, F.R. (2007) *Modul e-Learning ENBP: Metode Evaluasi Nilai Biologis Karbohidrat dan Lemak*. IPB: Departemen Ilmu & Teknologi Pangan.

Price, S., Wilson, L. (2006) *Patofisiologi: Konsep Klinis, Proses – Proses Penyakit*. 6th ed. Jakarta: EGC.

Qibtiyah, M. (2009) *Pengelolaan Pemetikan Tanaman teh (Camellia sinensis (L.) O. Kuntze) di Unit Perkebunan Tambi, Wonosobo, Jawa Tengah*. Skripsi. Departemen Agronomi, Fakultas Pertanian, Institut Pertanian Bogor.

Qin, B., Nagasaki, M., Ren, M., Bajotto, G., Oshida, Y., Sato, S. (2003) Cinnamon extract (traditional herb) potentiates in vivo insulin-regulated glucose utilazation via insulin-regulated glucose utilazation via enhancing insulin signalin in rats. *Diabetes Res. Clin. Pract.*, 62, 3, pp. 139–48.

Qin, B., Nagasaki, M., Ren, M., Bajotto, G., Oshida Y., Sato, Y. (2004) Cinnamon extract prevents the insulin resistance induced by a high-fructose diet. *Horm. Metab. Res.*, 36(2), pp.119–125.

Ramadhan, E.A. (2010) Pengaruh Konsentrasi Etanol, Suhu, dan Jumlah Stage pada Ekstraksi Oleresin Jahe (Zingiber officinale Rosc) secara Batch. Skripsi. Universitas Diponegoro.

Reeves, P.G., Nilson, F. H., Fahey, G. C. (1993) Purified diet for laboratory rodents: final report of The American Institute of Nutrition Ad Hoc Writing Committee on the reformulation of AIN-76 a Rodent Diet. *J. Nutr.*, 123, pp. 1939-1951.

Riesanti, D.J., Padaga, M.C., Herawati (2013) Kadar HDL, Kadar LDL dan Gambaran Histopatologi Aorta Pada Hewan Model Tikus (Rattus norvegicus) Hiperkolesterolemia Dengan Terapi Ekstrak Air Benalu Mangga (Dendrophthoe pentandra). *Student Journal Vet. School Universitas Brawijaya*, 3 (2).

Rismunandar (1993) *Kayu Manis*. Jakarta: Penebar swadaya

Rismunandar, Paimin, F.B. (2001) *Kayu Manis budidaya dan pengolahan Edisi Revisi*. Jakarta: Penerbit Penebar Swadaya.

Roy, Hely. J *et al.* (2009) *Cinnamon and type 2 diabetes. Pennington Nutrition series, Number 3*. Pennington Biomedical Research Center.

Rusli, S. dan Abdullah A. (1988) Prospek Pengembangan Kayu Manis di Indonesia. *Jurnal Litbang Pertanian*, VIII (3), pp. 75-79.

Rustiawan A, Vanda J. (1990) *Pengujian Mutu Pangan Secara Biologis*. Bogor: Pusat Antar Universitas Pangan dan Gizi Institut Pertanian Bogor dalam Ridwan, E. (2013) Etika Pemanfaatan Hewan Percobaan dalam Penelitian kesehatan. *J. Indon. Med. Assoc.*, 63 (3) pp. 112-116.

Sacher, R.A. (2004) *Tinjauan Klinis Hasil Pemeriksaan Laboratorium, Edisi 11*. Jakarta: EGC.

Sarwono, S. (2007) *Penyulit Kronik Dan Pencegahannya* dalam *Soegondo Sidartawan, Soewondo Pradana, Subekti Imam. Penatalaksanaan Diabetes Melitus Terpadu*. *Edisi ke-6*. Jakarta: FK UI.

Schreibman, Martin P., Scanes, Colin G., Pang, Peter K.T. (1993) *The Endocrinology of Growth, Development, and Metabolism in Vertebrates*. London: Academic Press.

Sengupta, P., (2013) The laboratory rat: relating its age with human's. *Int. J. Prev. Med.*, 4(6), pp.624–630.

Setyamidjaja, D. (2000). *Teh Budi Daya dan Pengolahan Pasca Panen*. Yogyakarta: Penerbit Kanisius.

Shils ME, Shike M, Ross AC, Caballeo B, Cousins RJ (2006) *Modern Nutrition in Health and Disease. Edisi ke 10.* USA: Lippincott Williams & Wilkins.

Shuhaj, Bernard F., Nieuwenhuyzen, Williem V. (2003) *Nutrition and Biochemistry of Phospholipids*. USA: AOCS Press.

Siahaan, M.A., (2010*) Isolasi Senyawa Diterpenoida Dari Ekstrak Metanol Daun Tumbuhan Merambung (Vernonia arborea Buch-Ham.)*. Skripsi. Medan: USU.

Silalahi, J. (2006) *Makanan Fungsional*. Yogyakarta: Penerbit Kanisius.

Sriwahyuni, E., Puspita, P. (2013) *Pengaruh Pemberian Teh Hijau terhadap Kadar Kolesterol LDL dan HDL pada Tikus Putih (Rattus Norvegicus).* Malang: Universitas Brawijaya Press.

Suckow, Mark A., Weisboroth, Steven H., Franklin, Craig L. (2006) *The Laboratory Rat: Secong Edition*. USA: Elsevier Academic Press.

Sudoyo AW, Bambang S., Idrus, A., Simadibrata, M.K., Siti S. (2006) *Ilmu penyakit dalam: Edisi ke 4*. Jakarta: Departemen Ilmu Penyakit Dalam Fakultas Kedokteran Universitas Indonesia.

Sugondo, S. (2006) *Obesitas*. Ed. Sudoyo, AW., Setiyohadi, B., Alwi, I., Simadibrata, MK., Setiati, S., ed. *Buku Ajar Ilmu Penyakit Dalam*. Jakarta: Pusat Penerbit Departemen Ilmu Penyakit Dalam Fakultas Kedokteran Universitas Indonesia.

Sunarno, Isdadiyanto, S. (2010) Profil Kadar Kolagen Kulit dan Tulang Tikus Wistar pada Berbagai Umur yang Mendapat Perlakuan Stres Oksidatif Hiperkolesterolemia dan Oleoresin Kulit Batang Kayu Manis (*Cinnamomum sp*). *Bioma.*, 12, 2, pp. 56-62.

Sundari, D., Nuratmi, B., Winarno, M.W. (2009) Toksisitas Akut (LD50) dan Uji Gelagat Ekstrak Daun Teh Hijau (Camellia sinensis (Linn.) Kunze) pada Mencit. *Media Penelit. Dan Pengembang Kesehat.*, 19 (4) pp. 198-203.

Sundari, E. (2001) *Pengambilan Minyak Atsiri dan Oleoresin dari Kulit Kayu Manis*. Bandung: ITB Central Library.

Suryani, E. dan Nurmansyah (2009) Inventarisasi dan Karakterisasi Tanaman Kayu Manis Seilon (Cinnamomum zeylanicum Blume) di Kebun Percobaan Laing Solok. *Bul. Littro*. 20 (2) pp. 99 - 105.

Syukur, C dan Hermani. (2001) *Budidaya Tanaman Obat Komersial*. Jakarta: Penerbit Penebar Swadaya.

Tim Surkesnas (2002) *Survei Kesehatan Nasional 2001: Laporan studi mortalitas 2001: Pola penyakit penyebab kematian di Indonesia*. Jakarta: Badan Penelitian dan Pengembangan Kesehatan.

Tjokroprawiro, A. (2006) New Approach in The Treatment of T2DM and Metabolic Syndrome. *Acta. Med Indones.,* 38, pp. 160-166.

Tuminah, S. (2004) *Teh* (*Camellia sinensis* var. Assamica) *sebagai Salah Satu Sumber Antioksidan, pusat penelitian dan pengembangan pemberantasan penyakit, balai penelitian dan pengembangan kesehatan*. Jakarta: Departemen Kesehatan RI.

Verspohl EJ, Bauer K, Neddermann E. (2005) Antidiabetic effect of Cinnamomum cassia and Cinnamomum zelanicum in vivo and in vitro. *Phytother. Res.*, 19, pp. 203–6.

Wardlaw, *et al.* (2004) *Contemporary Nutrition. 5th ed.* New York: Mc Graw-Hill.

Widyaningrum, N. (2013) Epigallocatechi-3-gallate (EGCG) Pada Daun Teh Hijau Sebagai Anti Jerawat. *Majalah Farmasi dan Farmakologi*, 17 (3) pp. 95-98.

Wiryowidagdo, S. dan Ditanggang, M. (2002) *Obat Tradisional Untuk Penyakit Jantung, Darah Tinggi, dan Kolesterol*. *Cetakan Pertama.* Jakarta: Agromedia Pustaka.

Wong, Y.C., Ahmad-Muzaqqier, M.Y., Wan-Nurdiyana, W.A. (2014) Extraction of Essential Oil from Cinnamon (Cinnamomum zeylanicum). Orient. *J. Chem.* 30 (1) pp. 37-47.

Yasuda, A., Natsume, M., Osakabe, N., Kawahata, K., Koga, J., (2011) Cacao polyphenols influence the regulation of apolipoprotein in hepg2 and caco2 cells. *J. Agric. Food Chem.*, 59(4), pp.1470–1476.

Yusmiati, S.N.H., Arbai, A.M.B, Tjokroprawiro, A., Putra, S.T. (2012) Potensi Antioksidan dalam Ekstrak Teh Merah (Hibiscus sabdariffa) dan Teh Hijau (Camellia sinensis) terhadap Proses Aterogenesis pada Tikus dengan Diet Aterogenik. *JBP*, 14, 3, pp. 158c-171.