

DAFTAR PUSTAKA

- Adam JMF (2014). Dislipidemia. Dalam: Setiati S, Alwi I, Sudoyo A, Simadibrata M, Setiyohadi B, Fahrial A, eds. Buku Ajar Ilmu Penyakit Dalam. Jakarta: Interna Publishing, 2549-2558.
- Adi PR (2014). Pencegahan dan penatalaksanaan aterosklerosis. Dalam: Setiati S, Alwi I, Sudoyo A, Simadibrata M, Setiyohadi B, Fahrial A, eds. Buku Ajar Ilmu Penyakit Dalam. Jakarta: Interna Publishing, 1425-1435.
- Afkhami-Ardekani M, Shojaoddiny-Ardekani A (2007). Effect of vitamin C on blood Glucose, serum lipids and serum insulin in type 2 diabetes patients. *Indian J Med Res*, 126: 471-474.
- Albofathi AA, Mohajeri D, Rezaie A, Nazeri M (2012). Protective effects of green tea extract against hepatic tissue injury in streptozotocin-induced diabetic rats. *Evidence-Based Complementary and Alternative Medicine*, 2012: 1-10.
- Al-Hilfy JHY (2013). Effect of green tea extract on histological structure of kidney, pancreas and adrenal gland in alloxan-induced diabetic male albino rats. *Journal of Al-Nahrain University*, 16 (1): 156-165.
- American Diabetes Association (2015). Classification and diagnosis of diabetes mellitus. *Diabetes Care*, 38(1): S8-S16.
- American Diabetes Association (2014). Diagnosis and classification of diabetes mellitus. *Diabetes Care*, 37(1): S81-S90.
- American Diabetes Association (2013). Standards of medical care in diabetes. Dikutip dari: http://care.diabetesjournals.org/content/36/Supplement_1/S11.full. Pada 25 Maret 2016.
- Anindita R, Soeprbowati TR, Suprpti NH (2012). Potensi teh hijau (*Camelia sinensis L*) dalam perbaikan fungsi hepar pada mencit yang diinduksi monosodium glutamat (MSG). *Buletin Anatomi dan Fisiologi*, XX(2): 15-23.
- Arief S (2007). Radikal bebas. Ilmu Kesehatan Anak FK UNAIR, Surabaya. Diunduh dari: <http://old.pediatrik.com/buletin/06224113752-x0zu6l.pdf>. Pada 31 Maret 2016.
- Arisman (2011). Buku Ajar Ilmu Gizi Obesitas, Diabetes Mellitus, dan Dislipidemia. Jakarta: Penerbit Buku Kedokteran EGC. 48-49.

- Babu PVA, Sabitha KE, Shyamaladevi CS (2006). Green tea extract impedes dyslipidaemia and development of cardiac dysfunction in streptozotocin-diabetic rats. *Clin Exp Pharmacol Physiol*, 33(12):1184-9.
- Badan Penelitian dan Pengembangan Pertanian Kementerian Pertanian (2012). Tanaman teh. Dikutip dari: <http://perkebunan.litbang.pertanian.go.id/?p=6142>. Pada 25 Maret 2016.
- Barbosa KB, Volp AC, Hermsdorff HH, Navarro-Blasco I, Zulet MA, Martínez JA, et al (2011). Relationship of oxidized low density lipoprotein with lipid profile and oxidative stress markers in healthy young adults: a translational study. *Lipid in Health and Disease*, 10:61.
- Bender, DA (2009). Free radicals and antioxidant nutrients. Dalam: Murray K, Bender DA, Botham KM, et al. Eds. *Harper's Illustrated Biochemistry*, Ed 28th Mc Graw Hill Lange, 482-486.
- Botham KM & Mayes PA (2009). Pengangkutan dan penyimpanan lipid. Dalam: Muray R, Granner D, Rodwell V, eds. *Biokimia Harper*. Jakarta: EGC, 225-238.
- Chacko SM, Thambi PT, Kuttan R, Nishigaki I (2010). Beneficial effects of green tea: A literature review. *Chinese Medicine*, 5(13): 1-9.
- Diniz SF, Amorim FPLG, Neto C, Bocca AL, Batista AC, Simm GEP, et al. (2008). Alloxan-induced diabetes delays repair in a rat model of closed tibial fracture. *Brazilian Journal of Medical and Biological Research*, 41: 373-379.
- Droge W (2002). Free radicals in the physiological control of cell function. *Physiol Rev*, 82: 47-95.
- Duvillard L, Florentin E, Lizard G, Petit JM, Galland F, Monier S, et al (2003). Cell surface expression of LDL receptor is decreased in type 2 diabetic patients and is normalized by insulin therapy. *Diabetes Care*. 26(5): 1540-1544.
- Fatimah RN (2015). Diabetes melitus tipe 2. *J Majority*, 4(5): 93-101.
- Forester SC, Lambert JD (2011). Antioxidant effects of green tea. *Mol Nutr Food Res*, 55(6): 844-854.
- Gomikawa S, Ishikawa Y, Hayase W, Haratake Y, Hirano N, Matuura H, et al (2008). Effect of ground green tea drinking for 2 weeks on the susceptibility of plasma and LDL to the oxidation ex vivo in healthy volunteers. *Kobe J. Med. Sci.*, 54(1): E62-E72.

- Haidari F, Omidian K, Rafiei H, Zarei M, Shahi MM (2013). Green tea (*Camellia sinensis*) supplementation to diabetic rats improves serum and hepatic oxidative stress markers. *Iran J Pharm Res.* 12(1):109-114.
- Halliwell B, Whiteman M (2004). Measuring reactive species and oxidative damage in vivo and in cell culture: how should you do it and what do the result mean?. *Br.J.Pharmacol*, 142: 231-255.
- Handayani L, Riswati, Lestari D, Aimanah IU, Ipa M (2013). Riset kesehatan dasar dalam angka. Jakarta: Lembaga Penerbitan Badan Litbangkes.
- Hsu C, Tsai T, Kao Y, Hwang K, Tseng T, Chou P (2008). Effect of green tea extract on obese women: A randomized, double-blind, placebo-controlled clinical trial. *Clinical Nutrition*, 27: 363-70.
- International Diabetes Federation (2014). *IDF Diabetes atlas*sixth edition. Dikutip dari: http://www.idf.org/sites/default/files/Atlas-poster-2014_EN.pdf. Pada 25 Mei 2016.
- Inzucchi S, Bergenstal R, Fonseca V, Gregg E, Mayer-Davis B, Spollett G, et al (2010). Diagnosis and classification of diabetes mellitus. *Diabetes Care*, 33(1): S62-S69.
- Jason Y (1999). Green tea and its antioxidant properties. *Nutrition Noteworthy*, 2(1):1-5.
- Josten S, Mutmainnah, Hardjoeno (2006). Profil lipid penderita diabetes mellitus tipe 2P. *Indonesian Journal of Clinical Pathology and Medical Laboratory*, 13(1): 20-22
- Kementerian Kesehatan Republik Indonesia (2014). *Situasi dan Analisis Diabetes*. Dikutip dari: <http://www.depkes.go.id/download.php?file=download/pusdatin/infodatin/infodatin-diabetes.pdf>. Pada 25 Maret 2016.
- Koo SI, Noh SK (2007). Green Tea as inhibitor of the intestinal absorption of lipids: Potential Mechanism for its Lipid-Lowering Effect. *J Nutr Biochem*, 18(3): 179-183.
- Kuntze (2016). *Camellia Sinensis (Plants For A Future)*. Dikutip dari: <http://www.pfaf.org/user/Plant.aspx?LatinName=Camellia+sinensis>. Pada 30 Maret 2016.
- Lahirin R, Permadhi I, Mudhihartini N, Rahmawati R, Sugianto R (2015). Additional benefit of higher dose green tea in lowering postprandial blood glucose. *Medical Journal of Indonesia*, 24(2): 97-102.

- Lenzen S (2008). The mechanisms of alloxan- and streptozotocin-induced diabetes. *Diabetologia*, 51(2): 216-226.
- LeRoith D (2002). Beta-cell dysfunction and insulin resistance in type 2 diabetes: role of metabolic and genetic abnormalities. *Am J Med*, 113(6): 3S-11S.
- Madiyono B, Moeslichan S, Sastroasmoro S, Budiman I, Purwanto SH (2011). Perkiraan besar sampel. Dalam: *Dasar-dasar Metodologi Penelitian Klinis*. Edisi ke 4. Jakarta: Sagung Seto, pp: 348-381.
- Manaf A (2014). Insulin: mekanisme sekresi dan aspek metabolisme. Dalam: Setiati S, Alwi I, Sudoyo A, Simadibrata M, Setiyohadi B, Fahrial A, eds. *Buku Ajar Ilmu Penyakit Dalam*. Jakarta: Interna Publishing, 2350-2354.
- Momuat LI, Sangi MS, Purwati NP (2013). Pengaruh VCO mengandung ekstrak wortel terhadap peroksida lipid plasma. *Jurnal Ilmiah Sains*, 11(2): 296-301.
- Murase T, Misawa K, Haramizu S, Hase T (2009). Catechin-induced activation of the LKB1/AMP-activated protein kinase pathway. *Journal Biochem Pharmacol*, 78(1): 78-84.
- Namita P, Mukesh R, Vijay KJ (2012). *Camellia sinensis* (green tea): A review. *Global Journal of Pharmacology*, 6 (2): 52-59.
- Ndraha S (2014). Diabetes melitus tipe 2 dan tatalaksana terkini. *Medicinus*, 27(2): 9-16.
- Noviyanti F (2015). Perbedaan kadar LDL kolesterol pada pasien diabetes melitus tipe 2 dengan dan tanpa hipertensi di RS Dr.M.Djamil Padang tahun 2011. *Jurnal Kesehatan Andalas*, 4(2): 545-550.
- Nugroho AE (2006). Hewan percobaan diabetes melitus : Patologi dan mekanisme aksi diabetogenik. *Biodiversitas*, 7(4): 378-382.
- Osada K, Takahashi M, Hoshina S, Nakamura M, Nakamura S, Sugano M (2001). Tea catechins inhibit cholesterol oxidation accompanying oxidation of low density lipoprotein in vitro. *Comp Biochem Physiol C Toxicol Pharmacol*, 128(2):153-64.
- Purnamasari D (2014). Diagnosis dan klasifikasi diabetes melitus. Dalam : Setiati S, Alwi I, Sudoyo A, Simadibrata M, Setiyohadi B, Fahrial A, eds. *Buku Ajar Ilmu Penyakit Dalam*. Jakarta: Interna Publishing, 2323-2327.

- Pusparini (2006). Low density lipoprotein padat kecil sebagai faktor risiko aterosklerosis. *Universa Medicina*, 25(1): 22-32.
- Pratama RR, Yerizel E, Rahmatini (2014). Pengaruh pemberian aspartam terhadap kadar low-density lipoprotein dan high-density lipoprotein pada tikus wistar diabetes melitus diinduksi aloksan. *Jurnal Kesehatan Andalas*, 3(3): 450-456.
- Putro W (2013). Daya peredam radikal bebas ekstrak etanol buah pepino putih dan ungu (*Solanum muricatunaiton* var putih dan ungu) terhadap DPPH (1,1-Diphenyl-2-Picrylhydrazy). *Calyptra: Jurnal Ilmiah Mahasiswa Universitas Surabaya*, 2(2): 1-8.
- Raederstorff DG, Schlachter MF, Elste V, Weber P (2003). Effect of EGCG on lipid absorption and plasma lipid levels in rats. *The Journal of Nutritional Biochemistry*, 14(6): 326-332.
- Ragavan, Krishnakumari S (2006). Antidiabetic effect of *T. arjuna* bark extract in alloxan induced diabetic rats. *Indian Journal of Clinical Biochemistry*, 21(2): 123-128.
- Rietveld A, Wiseman S (2003). Antioxidant effect of tea: evidence from human clinical trials. *The Journal of Nutrition*, 133(10): 3285S-3292S.
- Rita RS, Yerizel E, Asbiran N, Kadri H (2009). Pengaruh Ekstrak Mengkudu Terhadap Kadar Malondialdehid Darah dan Aktivitas Katalase Tikus DM yang Diinduksi Aloksan. *Majalah Kedokteran Andalas*, 33 (1), 51-59.
- Rohdiana D, Shabri (2012). Analisis individual katekin teh hijau hasil ekstraksi dan fraksionasi kromatografi kolom. *Jurnal Penelitian Teh dan Kina*, 15(2): 81-88.
- Rudianto A, Soewondo P, Waspadji S, Yunir E, Purnamasari D (2011). The Indonesian society of endocrinology's summary article of diabetes mellitus national clinical practice guidelines. Dikutip dari: <http://pbperkeni.or.id>. Pada: 29 Oktober 2016.
- Sari LORK (2006). Pemanfaatan obat tradisional dengan pertimbangan manfaat dan keamanannya. *Majalah Ilmu Kefarmasian*, III(1): 1-7.
- Setiawan B, Suhartono E (2005). Stres oksidatif dan peran antioksidan pada diabetes melitus. *Majalah Kedokteran Indonesia*, 55(2): 86-91.
- Shittu STT, Oyeyemi WA, Lasisi TJ, Shittu SAS, Lawal TT, Olujobi ST (2016). Aqueous leaf extract of *Ocimum gratissimum* improves hematological parameters in alloxan-induced diabetic rats via its antioxidant properties. *Int J Appl Basic Med Res*, 6(2): 96-100.

- Sriyono, Pruboningsih J (2012). Pengaruh pemberian teh hijau terhadap tekanan darah dan kadar kolesterol (LDL) pada lansia dengan hipertensi. *Jurnal Keperawatan Soedirman*, 7(1): 36-43.
- Studiawan H, Santosa MH (2005). Uji aktivitas penurun kadar glukosa darah ekstrak daun *Eugeniapolyantha* pada mencit yang diinduksi aloksan. *Media Kedokteran Hewan*, 21(2): 62-65.
- Subekti I (2014). Neuropati diabetik. Dalam: Setiati S, Alwi I, Sudoyo A, Simadibrata M, Setiyohadi B & Fahrial A, eds. *Buku Ajar Ilmu Penyakit Dalam*. Jakarta: Interna Publishing, 2395-2399.
- Szkudelski T (2001). The mechanism of alloxan and streptozotocin action in B cells of the rat pancreas. *Physiological Research*, 50: 536-546.
- Thomson M, Al-Qattan K, Mansour MH, Ali M (2012). Green tea attenuates oxidative stress and downregulates the expression of angiotensin II AT1 receptor in renal and hepatic tissues of streptozocin-induced diabetic rats. *Evidence-Based Complementary and Alternative Medicine*, 2012.
- Umayah E, Amrun M (2007). Uji aktivitas antioksidan ekstrak buah naga (*Hylocereus undatus* (Haw.) Britt. & Rose. *Jurnal ILMU DASAR*, 8(1): 83-90.
- Verges B (2009). Lipid disorders in type 1 diabetes. *Service Endocrinologie, Diabétologie et Maladies Métaboliques Dijon University Hospital France*. Dikutip dari: <http://cdn.intechopen.com/pdfs-wm/24084.pdf>. Pada 12 Juni 2016.
- Wardani E, Wahyudi P, Zen HD (2014). Uji aktivitas anti hiperglikemik ekstrak etanol 70% tempe kacang hijau (*Vigna radiata* (L). R wilczek) pada mencit yang diinduksi aloksan. *Farmasains*, 2(4): 165-170.
- Waspadji S (2014). Komplikasi kronik diabetes : mekanisme terjadinya, diagnosis, dan strategi pengelolaan. Dalam: Setiati S, Alwi I, Sudoyo A, Simadibrata M, Setiyohadi B & Fahrial A, eds. *Buku Ajar Ilmu Penyakit Dalam*. Jakarta: Interna Publishing, 2359-2366.
- Widowati W (2008). Potensi antioksidan sebagai antidiabetes. *Jurnal Kesehatan Masyarakat*, 7(2): 193-202.
- Wilcox G (2005). Insulin and insulin resistance. *Clin Biochem Rev*, 26(2): 19-39.

Wild S, Roglic G, Green A, Sicree R, King H (2004). Global prevalence of diabetes. *Diabetes Care*, 27(5): 1047-1053.

Winarsi H (2007). *Antioksidan alami dan Radikal Bebas*. Yogyakarta: Kanisius

Worku D, Hamza L, Woldemichael K (2010). Patterns of diabetic complications at Jimma University Specialized Hospital, Southwest Ethiopia. *Ethiop J Health Sci*, 20(1): 33–39.

