

DAFTAR PUSTAKA

- American Diabetes Association (ADA). 2013. Standards of medical care in diabetes 2013. *Diabetes Care* (36): 13.
- _____. 2013. Diagnosis and classification of diabetes mellitus. *Diabetes Care* (36): 67-70.
- Asman Manaf. 2009. Insulin: mekanisme sekresi dan aspek metabolisme. Aru W Sudoyo, Bambang Setiyohadi, Idrus Alwi, Marcellus Simadibrata K, Siti Setiati (Eds.), *Buku Ajar Ilmu Penyakit Dalam*. Jakarta: Pusat Penerbitan Departemen Ilmu Penyakit Dalam FKUI. pp. 1896-9.
- Bambang Setiawan, Eko Suhartono. 2005. Stres oksidatif dan peran antioksidan pada diabetes melitus. *Majalah Kedokteran Indonesia* (2): 87-90.
- Busik JV, Mohr S, Grant MB. 2008. Hyperglycemia-induced reactive oxygen species toxicity to endothelial cells is dependent on paracrine mediators. *Diabetes* (7): 1952-65.
- Chvanov M, Petersen O, Tepikin, A. 2005. Free radicals and the pancreatic acinar cells: role in physiology and pathology. *Philos Trans R Soc Lond B Biol Sci* (360): 2273-84.
- Damjanov I. 2000. *Histopatologi buku teks & atlas*. Jakarta: Widya Medika. pp. 243-4.
- Daniel S Wibowo, Widjaya Paryana. 2009. *Anatomi tubuh manusia*. Jakarta: Graha Ilmu Publishing. pp. 357-60.
- Dyah Purnamasari. 2009. Diagnosis dan klasifikasi diabetes melitus. Aru W Sudoyo, Bambang Setiyohadi, Idrus Alwi, Marcellus Simadibrata K, Siti Setiati (Eds.), *Buku Ajar Ilmu Penyakit Dalam*. Jakarta: Pusat Penerbitan Departemen Ilmu Penyakit Dalam FKUI. pp. 1880-3.
- Evert AB, et al. 2013. Nutrition therapy recommendations for the management of adults with diabetes. *Diabetes Care* (36): 3821-33.
- Fajan SS, Bell GI, Polonsky KS. 2001. Molecular mechanisms and clinical pathophysiology of maturity-onset diabetes of the young. *The New England Journal of Medicine* (345): 973.
- Fauzan Azima. 2011. *Uji efek antidiabetes ekstrak gambir (Uncaria gambir (hunter) roxb) yang terstandarisasi pada mencit putih jantan*. <http://repository.unand.ac.id/8429>. November 30th, 2014.

- Fu Z, Gilbert ER, Liu D. 2013. Regulation of insulin synthesis and secretion and pancreatic beta-cell dysfunction in diabetes. *Current Diabetes Reviews* (9): 25-53.
- Guyton and Hall. 2008. Insulin, glukagon, dan diabetes mellitus. *Buku Ajar Fisiologi Kedokteran*. 11 ed. Jakarta: EGC. pp. 1010-27.
- Haas L, et al. 2013. National standards for diabetes self-management education and support. *Diabetes Care* (36): 100-3.
- Harahap SN, Ramli N, Vafaei N, Said M. 2011. Physicochemical and nutritional composition of rambutan anak sekolah (*Nephelium lappaceum l.*) seed and seed oil. *Pak J Nutr* (10).
- Honma A, Koyama T, Yazawa K. 2010. Antihyperglycemic effects of japanese maple (*Acer amoenum*) leaf extract and its constituent corilagin. *J Wood Sci* (56): 507-512.
- Houstis N, Rosen ED, Lander ES. 2006. Reactive oxygen species have a causal role in multiple forms of insulin resistance. *Nature* (440):944-8.
- International Diabetes Federation (IDF). 2013. *IDF Diabetes Atlas*. 6th ed. p. 11-3.
- Junqueira LC, Carneiro J. 2005. *Basic histology text & atlas*. 11th ed. United States of America: The McGraw-Hill Companies, Inc. pp. 321-3.
- Khemas Ali Hanafiah. 2005. Prinsip percobaan dan perancangannya. *Rancangan percobaan aplikatif, aplikasi kondisional bidang pertamanan, perternakan, perikanan, industri, dan hayati*. Jakarta: PT. Raja Grasindo Persada. pp. 10-2.
- Kim SH, Hyun SH, Choung SY. 2005. Anti-diabetic effect of cinnamon extract on blood glucose in db/db mice. *J Ethnopharmacology* (104): 119-23.
- Krentz AJ, Bailey CJ. 2005. Oral antidiabetic agents: current role in type 2 diabetes mellitus. *Drugs* (65): 390.
- Kumar V, Abbas AK, Aster JC. 2012. *Robbins and cotran pathologic basis of disease*. 9th ed. Canada: Saunders. p. 1111.
- Kurniawan Yudianto, Hana Rizmadewi, Ida Maryati. 2008. Kualitas hidup penderita diabetes mellitus di rumah sakit umum daerah cianjur. *Majalah Keperawatan Unpad* (10): 76-87.
- Lenzen S. 2008. The mechanism of alloxan and streptozotocin-induced diabetes. *Diabetologia* (51): 216-26.
- Longnecker D. 2014. *Anatomy and histology of the pancreas*. The Pancreapedia: Exocrine Pancreas Knowledge Base.

- Longo DL, Fauci AS, Kasper DL, Hauser SL, Jameson JL, Loscalzo J. 2011. *Harrison's principles of internal medicine*. 18th ed. New York: The McGraw-Hill.
- Mega Trisna. 2011. *Uji aktivitas anti diabetes ekstrak etanol kulit buah manggis (Garcinia mangostana L.) pada mencit putih jantan dengan metode induksi aloksan*.
http://repository.unej.ac.id/bitstream/handle/123456789/5463/Mega%20Trisna%20S_1.pdf. November 30th, 2014.
- Moore KL, Dalley AF. 2006. *Clinically oriented anatomy*. 5th ed. Philadelphia : Lippincott Williams & Wilkins. pp. 286-7.
- Moses RG. 2010. Combination therapy for patients with type 2 diabetes: repaglinide in combination with metformin. *Exp Clin Endocrinol Diabetes* (5): 331-42.
- Naily Syifa. 2008. *Potensi ekstrak etanol biji rambutan (Nephelium lappaceum L.) sebagai penurun kadar glukosa darah pada tikus jantan yang diinduksi alloxan*. <http://repository.uui.ac.id/610/SK/I/0/00/001/001598/uui-skripsi-potensi%20ekstrak%20etan-04613085-NAILY%20SYIFA%27-6737076801-abstract.pdf> . December 1st, 2014.
- Nurul Ajeemah. 2011. *Pengaruh pemberian ekstrak bawang putih (Allium sativum linn) terhadap kadar gula darah pada mencit diabetes yang diinduksi aloksan*. repository.usu.ac.id/bitstream/123456789/31031/7/Cover.pdf. November 30th, 2014.
- Ohshima M, Li TS, Kubo M, Qin SL, Hamano K. 2009. Antioxidant therapy attenuates diabetes-related impairment of bone marrow stem cells. *Circ J* (73): 162-6.
- Palanisamy UD, Ling LT, Manaharan T, Apleeton D. 2010. *Rapid isolation of geraniin from Nephelium lappaceum rind waste and its anti-hyperglycemic activity in food chemistry*. Malaysia: Elsevier.
- Pandey K, Rizvi S. 2009. Plant polyphenols as dietary antioxidant in human health and disease. *Oxid Med Cell Longev* (2): 270-8.
- PERKENI. 2011. *Konsensus pengelolaan dan pencegahan diabetes mellitus tipe 2 di indonesia 2011*. Jakarta: PB PERKENI.
- Philippine Medicinal Plants. 2013. *Rambutan*. <http://www.stuartxchange.com/Rambutan.html>. August 8th, 2014
- Powers AC. 2008. Diabetes mellitus. *Harrison's principles of internal medicine*. USA: McGraw-Hill. pp. 2279-82.
- RISKESDAS. 2013. *Riset kesehatan dasar*. <http://www.litbang.depkes.go.id/sites>

/download/rkd2013/Laporan_Riskesdas2013.PDF. August 8th, 2014.

- Riyani Limoa. 2013. *Jurnal Kesehatan Gula Darah*. <http://www.fakultaskedokteran.com/2013/01/jurnal-kesehatan-gula-darah>. January 14th, 2014.
- Rohilla A, Ali S. 2012. Alloxan induced diabetes: mechanisms and effects. *J Pharm Biomed Sci* (3): 819-21.
- Rorsman P, Elaisson L, Renström E, Barg S, Göpel S. 2000. The cell physiology of biphasic insulin secretion. *News Physiol Sci* (15): 72-5.
- Setiawan Dalimartha. 2007. *Atlas tumbuhan obat indonesia*. Jilid 3. Jakarta: Trubus Agriwidya. p. 115-6.
- Sidartawan Soegondo. 2009. Farmaterapi pada pengendalian glikemia diabetes mellitus tipe 2. Aru W Sudoyo, Bambang Setiyohadi, Idrus Alwi, Marcellus Simadibrata K, Siti Setiati (Eds.), *Buku Ajar Ilmu Penyakit Dalam*. Jakarta: Pusat Penerbitan Departemen Ilmu Penyakit Dalam FKUI. pp. 1884-90.
- Sigal RJ, et al. 2013. Physical activity and diabetes. *Can J Diabetes* (37): 40-4.
- Slamet Suyono. 2009. Diabetes melitus di indonesia. Aru W. Sudoyo, Bambang Setiyohadi, Idrus Alwi, Marcellus Simadibrata K., Siti Setiati (Eds.), *Buku Ajar Ilmu Penyakit Dalam*. Jakarta: Pusat Penerbitan Departemen Ilmu Penyakit Dalam FKUI. pp. 1873-9.
- Standring S. 2008. *Gray's anatomy: the anatomical basis of clinical practice*. 40th ed. Edinburgh: Churchill Livingstone/Elsevier. p. 1186.
- Sylvia Soeng, Wahyu Widowati. 2012. Antioxidant and hypoglycemic properties of extract and fractions of rambutan seeds (*Nephelium lappaceum l.*). *International Seminar On Natural Products Medicines*, Nov 22-23, 2012. Book Abstract. Bandung.
- Sylvia Soeng, Endang Evacuasiyany, Wahyu Widowati, Nurul Fauziah. 2012. Antioxidant and hypoglycemic properties of extract and fractions of rambutan seeds (*Nephelium lappaceum l.*). *Abstract Biomedical Engineering Journal*.
- Szkudelski T. 2001. The mechanism of alloxan and streptozotocin action in b cells of the rat pancreas. *Physiol Res* (50): 536-46.
- Thannickal V, Fanburg B. 2000. Reactive oxygen species in cell signaling. *Am J Physiol Lung Cell Mol Physiol* (279): 1005-28.
- Thitilertdecha N, Teerawutgulrag A, Rakariyatham N. 2008. Antioxidant and antibacterial activities of *nephelium lappaceum l.* extracts. *Swiss Society of Food Science and Technology*. Malaysia: Elsevier.

- Thitilertdecha N, Teerawutgulrag A, Kilburn JD, Rakariyatham N. 2010. Identification of major phenolic compounds from *nephelium lappaceum* l. and their antioxidant activities. *Molecules* (15): 1453-65.
- Trisusilo. 2014. *Rambutanku berkhasiat*. <http://trisusiloc30305.wordpress.com>. January 28th, 2014.
- Tzu S. 2014. *Rambutan*. <http://www.stuartxchange.com/Rambutan.html>. November 30th, 2014.
- Universitas Airlangga. 2014. *Kandungan gizi dan manfaat buah rambutan*. <http://itd.unair.ac.id/index.php/health-news-archive/316-kandungan-gizi-dan-manfaat-buah-rambutan.html>. January 14th, 2014.
- USDA. 2014. *Nephelium lappaceum* l. <http://plants.usda.gov/core/profile?symbol=NELA7>. June 22th, 2014.
- WHO. 2006. *Definition and diagnosis of diabetes mellitus and intermediate hyperglycemia*. Geneva: WHO Document Production Services. p 5.
- Witt DED, Hirsch IB. 2013. Outpatient insulin therapy in type 1 and type 2 diabetes mellitus. *JAMA* (289): 2255.
- Xie JT, Aung HH, Wu JA, Attel AS, Yuan CS. 2002. Effects of american ginseng berry extract on blood glucose levels in ob/ob mice. *Am J Chin Med* (30): 187-94.
- Zurina ZA, Mohd FM, Abdul GLA. 2014. Preliminary study of rambutan (*Nephelium lappaceum*) seed as potential biocoagulant for turbidity removal. *Advanced Materials Research* (917): 96-105.