

## DAFTAR PUSTAKA

- Abou-Seif, M.A., Youssef A. 2014. Evaluation of some biochemical changes in diabetic patients. *Clinica Chimica Acta*. 346(1): 161–70.
- Agrawal, R.P., Sharma, P., Pal, M., Kochar, A., Kochar, D.K. *Magnitude of dyslipidemia and its association with micro and macro vascular complications in type 2 diabetes: A hospital based study from Bikaner (Northwest India) Diabetes Res Clin Pract.* (2006);73:211-4
- Al-Farabi, M. J., 2013. Antibodi terhadap Advanced Glycation End Product, Cara Mutakhir Pencegahan Komplikasi DM. *Cermin Dunia Kedokteran-210*, 40 (11): 807-814.
- American Diabetes Association (ADA). 2013. Diagnosis and classification of DM. *Diabetes Care*. 36(1):64-71.
- American Diabetes Association (ADA). 2016. Classification and Diagnosis of Diabetes:Standards of Medical Care in Diabetes. *Diabetes Care*. 41(1): 513-527.
- American Diabetes Association (ADA). 2018. Classification and Diagnosis of Diabetes:Standards of Medical Care in Diabetes. *Diabetes Care*. 41(1): 513-527.
- Arjadi, F., Susatyo P. 2010. Regenerasi Sel Pulau Langerhans Pada Tikus Putih (*Rattus norvegicus*) Diabetes yang Diberi Rebusan Daging Mahkota Dewa (*Phaleria macrocarp*). *Journal of Medicine and Health*. 2(2): 117-126.
- Arora, R., Vig AP, Arora S. 2013. Lipid Peroxidation: A Possible Marker for Diabetes. *J Diabetes Metab S*. 11(1):1-6.
- Barbalho S. M., Damasceno D. C., Spada A. P., Lima I. E., Araújo A. C., Guiguer E. L., *et al.* (2011). Effects of *Passiflora edulis* on the metabolic profile of diabetic Wistar rat offspring. *J. Med. Food* 14, 1490–1495.
- Basuki Purnomo. 2011. *Patofisiologi Konsep Penyakit Klinis*. Jakarta:EGC.
- Belinda Faustinawati. 2016. *Pengaruh Pemberian Ranitidin Terhadap Gambaran Histopatologi Tubulus Proksimal Ginjal Tikus Wistar Pada Pemberian Metanol Dosis Bertingkat*. 2016. Semarang.
- Boedisantoso, AR. 2015. "Komplikasi Akut Diabetes Mellitus "Dalam Penatalaksanaan Diabetes Mellitus Terpadu Edisi Ke 7 Jakarta : Balai Penerbit FKU
- Brownlee, M. 2005. The Pathobiology of Diabetic Complications A Unifying Mechanism. *Diabetes*. 1(54): 1615 –1625.
- Budi, M., Paimin, F. R. 2005. *Buah Merah*. Penebar Swadaya, Jakarta. Pp 16-50.
- Carocho, M, Ferreira IC. 2013. A review on antioxidants, prooxidants and related controversy: natural and synthetic compounds, screening and analysis methodologies and future perspectives. *Food Chemical Toxicol*. 51(1):15-25.
- Cazarin C. B. B., Rodriguez-Nogales A., Algieri F. M., Utrilla P., Rodríguez-Cabezas M., Garrido-Mesa J., *et al.* (2016). Intestinal anti-inflammatory effects of *Passiflora*

edulis peel in the dextran sodium sulphate model of mouse colitis. *J. Funct. Foods* 26, 565–576.

Challem, Jack, Moneysmith, Marie. 2005. *Basic Health Publication User's Guide to Carotenoids & Flavonoids Learn How to Harness the Health Benefits of Natural Plant Antioxidants*. USA: Basic Health Publication.

Cintari, L. 2008. Pengaruh Pemberian Ekstrak Air Daun Ceplikan (*Ruellia tuberosa L*) terhadap Kadar Kreatinin dan Ureum dalam Serum serta Gambaran Histologis Ginjal Tikus Putih (*Rattus norvegicus*) DM.Tesis. Program Studi Ilmu dan Kesehatan Masyarakat.UGM, Yogyakarta.

Correa, E.M., L. Medina, J. Barros-Monteiro, N.O. Valle, R. Sales, A. Magalães, F.C.A. *et al.*, 2014. Nih-P The Intake of Fiber Mesocarp Passionfruit (*Passiflora Edulis*) Lowers Levels of Triglyceride and Cholesterol Decreasing Principally Insulin and Leptin. *Aging Res Clin Pract.* 3(1): 31–35.

Corwin, E.J., 2009. *Handbook of Patophysiology* (Terjemahan). Edisi 3. Jakarta: EGC

Dahlan, M. S. 2012. *Statistik untuk Kedokteran dan Kesehatan: Deskriptif, Bivariat dan Multivariat Dilengkapi dengan menggunakan SPSS*. Edisi 5. Jakarta: Salemba Medika.

Depkes. 2013. *Diabetes Melitus Penyebab Kematian Nomor 6 Di Dunia: Kemenkes Tawarkan Solusi Cerdik Melalui Posbind* (online). Pusat Komunikasi Publik Sekretariat Jenderal Kementerian Kesehatan RI. Sumber: <http://www.depkes.go.id/article/print/2383/diabetes-melitus-penyebab-kematian-nomor-6-di-dunia-kemenkes-tawarkan-solusi-cerdik-melalui-posbindu.html> (Diakses 7 April 2018).

Dharmarajan, S. K., Arumugam, K. M. 2012. Comparative Evaluation of Flavone from *Mucuna Pruriens* and Coumarin from *Ionidium Suffruticosum* for Hypolipidemic Activity in Rats Fed with High Fat Diet. *Lipids and Health Disease.* 11(1): 1-6.

Ekoe, *et al* 2013. *The Epidemiology Of Diabetes Melitus*. Hoboken: John Wiley & Sons Ltd

Farvid, M.S., Jalali, M., Siassi, F., Hosseini, M., 2005. Comparison of the Effects of Vitamins and/or Mineral Supplementation on Glomerular and Tubular Dysfunction in Type 2 Diabetes, *Diabetes Care.* 28(10): 2458- 2463.

Fatimah, R.N. 2015. DM Tipe 2. *J MAJORITY.* 4(5): 93.

Formica, J.V. and W. Regelson. 1995.Review of the biology of quercetinand related bioflavonoids. In Mechanism of Action of Flavonoids as Anti-inflammatory Agents: A Review. *Inflammation & Allergy-Drug Targets.* 8(1):229-235.

Formica, J.V., Regelson W. 1995.Review of the biology of quercetinand related bioflavonoids. In Mechanism of Action of Flavonoids as Anti-inflammatory Agents: A Review. *Inflammation & Allergy-Drug iTargets.* 8(1):229-235.

Gruden G, Baruta F, Cathurvedi N, 2005. Severe hypoglycemia and cardiovascular disease incidence in type 1 diabetes the EURODIAB prospective complications study. *Diabetes Care.* 35. (7) : 1598- 1604 <http://care.diabetesjournals.org>

- Gupta, Y.K., dan M.H.V. Kumar. 2005. *Effect of Centella asiatica on Cognition and Oxidative Stress In An Intracerebroventricular Streptozotocin Model of Alzheimer's Disease in Rats*. Clin Exp. Pharmacol. Physiol, 30 : 336-342.
- Guruvayoorappan, C., Sudha, G. 2008. Phytopharmacological evaluation of Byesukar for hypoglycaemic activity and its effect on lipid profile and hepatic enzymes of glucose metabolism in diabetic rats. *Annals of hepatology: official journal of the Mexican Association of Hepatology*. Vol. 7 (4):358-363
- Guyton, Arthur C., Hall, John E. 2014. *Buku Ajar Fisiologi Kedokteran Edisi ke Duabelas*.
- Hammami, S., Mehri S., Hajem S., Koubaa N., Souid H., Hammami M. 2012. Prevalence of diabetes mellitus among non institutionalized elderly in Monastir City. *BMC Endocrine Disorders*.12 (15).
- Handani, A.R., M. Nur S., Abdul H., Hamdani B., Zainuddin, Sugito. 2015. Pengaruh Pemberian Kacang Panjang (*Vigna Unguiculata*) Terhadap Struktur Mikroskopis Ginjal Mencit (*Mus Musculus*) yang Diinduksi Aloksan. *Jurnal Medika Veterinaria*. 9(1): 18-22.
- Junqueira LC, Carneiro J. 2007. *Histologi Dasar*. Edisi 10. Jakarta : EGC.
- Kaku K, 2010, *Pathophysiology of Type 2 Diabetes and its Treatment Policy, in Japan Medical Association Journal*, vol. 53, no 1, p.41-6.
- Kanakasabapathi D, Gopalakrishnan VK. 2015. Evaluatin of antidiabetic potential of aqueous extract of *Passiflora edulis* Sims on Alloxan induced Diabetes Mellitus in Wistar Rats. *International Journal of Pharmaceutical Sciences Review and Research*. Vol. 34(1):171-177.
- Karsinah, R. C., Hutabarat., Mansyur, A., 2010. Markisa Asam Buah Eksotis Kaya Manfaat. *Jurnal Iptek Hortikultura*. Balai Penelitian Tanaman Buah Tropika.
- Kaviarasan, K., P. Kalaiarasi, and V. Pugalendi. 2008. Antioxidant efficacy of flavonoid-rich fraction from *Spermacoce hispida* in hyperlipidemic rats. *J. Applied Biomedicine*. 6:165-176.
- Kemenkes RI. 2014. Situasi dan Analisis Diabetes. *Pusat Data dan Informasi Kementerian Kesehatan RI*.
- Konta E. M., Almeida M. R., do Amaral C. L., Darin J. D., de Rosso V. V., Mercadante A. Z., et al. (2014). Evaluation of the antihypertensive properties of yellow Passion fruit Pulp (*Passiflora edulis* Sims f. *flavicarpa* Deg.) in Spontaneously hypertensive rats. *Phytother. Res*. 28, 28–32.
- Kumar V, Abbas AK, Fausto N, Mitchell. *Robbins and Cotran Pathologic Basis of Disease. 7th ed*. Philadelphia: Elsevier; 2007; hlm.58-101.
- Kusumastuty, I. 2014. Sari Buah Markisa Ungu Mencegah Peningkatan Mda Serum Tikus dengan Diet Aterogenik Indonesian. *Human Nutrition*. 1(1) : 50 - 56.
- Kusumawati, D. 2004. Bersahabat dengan Hewan Coba. Yogyakarta: Gajah Mada University Press.

- Lachin, T, Reza H. 2012. Antidiabetic Effect of Cherries in Alloxan induced Diabetic Rats. *Recent patent of endocrine, Metabolic & Immune Drug Discovery*. 6(1): 67-72.
- Lancashire, R. J. 2004. *The Chemistry of Passion Fruit*. <http://www.chem.uwimona.edu>.
- Larasti, C.Y.T. 2010. Pengaruh Pemberian Ekstrak Anting-Anting (*Acalypha Indica* L.) Terhadap Gambaran Histologis Glomerulus Ginjal Mencit Induksi *Streptozotocin*. *Skripsi*. Surakarta: Universitas Sebelas Maret.
- Larasti, Reni, Z., 2010. Hubungan Diet Serat Tinggi dengan Kadar HbA1c Pasien Diabetes Melitus Tipe 2 di RSUD DR.H Diabetes Abdul Moeleok Lampung .Tesis. Fakultas Kedokteran Universitas Lampung .
- Lenzen, S. 2008. The mechanisms of alloxan- and streptozotocin-induced diabetes. *Diabetologia*.51(1):216–226.
- Li, S., Tan, Hor-Yue., Wang, Ning., Zhang, Zhang-Jin., Lao, L., Wong, C., Feng, Y. 2002. The Role of Oxidative Stress and Antioxidants in Liver Disease. *International Journal of Molecular Sciences*. Vol. 16(11):87-124.
- Lima G. C., Vuolo M. M., Batista Â.G., Dragano N. R., Solon C., Maróstica Junior M. R. (2016). Passiflora edulis peel intake improves insulin sensitivity, increasing incretins and hypothalamic satiety peptide in rats on a high-fat diet. *Nutrition* 32, 863–870.
- Lopez, M., JPaniagua J.A., de la Sacristana A.G., Sanchez E, Romero I, Vidal-Puig A. *et al.*, 2007. A MUFA-rich diet improves postprandial glucose, lipid and GLP-1 responses in insulin-resistant subjects. *Am Coll Nutr*. 6(5):434-44.
- Manaf, Asman. 2014. Insulin Resistance as a Predictor of Worsening of Glucose Tolerance in Type 2 Diabetes Mellitus. *Medicus*. 27(2): 3-8.
- Mayori, dkk. 2013. Pengaruh Pemberian Rhodamin B terhadap Gambaran Histologi Ginjal Mencit Putih (*Mus musculus* L.). *Jurnal Biologi Universitas Andalas*. 2 (1) : 43-49.
- Mohamed, J., Nafizah, N., Zariyantey, Budin. 2016. Mechanisms of Diabetes-Induced Liver Damage. *Sultan Qaboos University Medical Journal*. Vol.16 (2) : 132-141
- Muntafiah, A., Ernawati, D. A., Suryadhana, L., Pratiwi, R. D., Marie, I. A. 2017. Pengaruh Sari Markisa Ungu [*Passiflora Edulis* Var *Edulis*] Berbagai Dosis Terhadap Profil Lipid Tikus Wistar Model Hiperkolesterolemia. *Penelitian Gizi dan Makanan*. 40(1):1-8.
- Murray, R. K., David A.B., Peter J.K., Victor W.R., P. Anthony W. 2014. *Biokimia harpe*. Edisi 29. Jakarta: Buku Kedokteran EGC. 336-337.
- Nakasone, H.K., Paull R.E. 1998. Tropical Fruits. *CAB International, Wallingford*. 1(1): 132-148.
- National Institute of Diabetes and Digestive and Kidney Diseases* (NIDDK). 2014. The kidneys and how they work. Diakses: 1 Juni 2018 dari <http://kidney.niddk.nih.gov>.

- Neira, C. M. 2003. The effects of yellow passion fruit. p. 67. Available at: [http://etd.fcla.edu/UF/UFE0001209/deneira\\_c.pdf](http://etd.fcla.edu/UF/UFE0001209/deneira_c.pdf)
- Nugroho, F.A., Riska M.S.G., Nurdiana. 2015. Kadar NF- K $\beta$  Pankreas Tikus Model Type 2 Diabetes Mellitus dengan Pemberian Tepung Susu Sapi. *Indonesian Journal of Human Nutrition*. 2(2): 91-100.
- Okoduwa, S.I.R., Umar A., Ibrahim S., Bello F. 2013. Relationship of oxidative stress with type 2 diabetes and hypertension. *J Diabetol*. 1(1): 1-2.
- PERKENI. 2015. *Konsensus pengelolaan DM tipe 2 di Indonesia 2015*. Semarang: PB PERKENI.
- Powers AC. 2008. "Diabetes Mellitus" in *Harrison's Principles of Internal Medicine 16th ed*, McGraw-Hill, p. 2152-79
- Price, S.A., Wilson, L.M. 2006. *Patofisiologi Konsep Klinis Proses-Proses Penyakit*. Edisi VI. Jakarta: EGC
- Ressang, A. 1994. *Patologi Khusus Veteriner*. Gadjah Mada Press. Yogyakarta.
- Rismayanthi, C. 2011. *Terapi Insulin sebagai Alternatif Pengobatan bagi Penderita Diabetes*. Diakses: 20 Juni 2018 dari <http://staff.uny.ac.id/sites/default/files/penelitian/Cerika%20Rismayanthi,%20S.Or./terapi%20insulin%20sebagai%20alternatif%20pengobatan.pdf>.
- Rizmahardian A.K, 2008. *Kaitan antara Metabolisme Karbohidrat dan Diabetes Melitus*, Fakultas MIPA. Universitas Pontianak.
- Salles B. C. C., da Silva M. A., Taniguthi L., Ferreira J. N., da Rocha C. Q., Vilegas W., et al. (2020). Passiflora edulis leaf extract: evidence of antidiabetic and antiplatelet effects in rats. *Biol. Pharm. Bull.* 43, 169–174.
- Seftyanisa, Ilma. 2010. *Isolasi Suatu Senyawa Antioksidan dari Ekstrak Etil Asetat Daun Sukun (Artocarpus communis Forst)*. *Skripsi*. Institut Teknologi Bandung.
- Septiva, E.B., Sitasiwi, A.J., Isdiyanto, S. 2019. Struktur Mikroanatomi Ginjal Mencit (*Mus Musculus L.*) Betina Setelah Paparan Ekstrak Etanol Daun Mimba (*Azadirachta Indica A. Juss*). *Jurnal Pro-Life*, 6(2):180-190.
- Setiawan, B., Eko S. 2005. Stres Oksidatif dan Peran Antioksidan pada DM. *Maj Kedokt Indon*, 55(1): 86-91.
- Shah NA, Khan MR, Nigussie D. Phytochemical Investigation and Nephroprotective Potential of *Sida cordata* in Rat. *BMC Complementary and Alternative Medicine*. 2017;17:388–97.
- Sherwood, L. 2014. *Fisiologi manusia : dari sel ke sistem*. Edisi 8. Jakarta: EGC
- Sicree, R., Shaw, J., & Zimmet P. 2010. *The Global Burden*. IDF Diabetes Atlas 4th Ed.
- Silva D. C., Freitas A. L., Pessoa C. D., Paula R. C., Mesquita J. X., Leal L. K., et al. (2011). Pectin from *Passiflora edulis* shows anti-inflammatory action as well as hypoglycemic and hypotriglyceridemic properties in diabetic rats. *J. Med. Food* 14, 1118–1126.



- Soares R. D. F., Campos M. G. N., Ribeiro G. P., Salles B. C. C., Cardoso N. S., Ribeiro J. R., *et al.* (2020). Development of a chitosan hydrogel containing flavonoids extracted from *Passiflora edulis* leaves and the evaluation of its antioxidant and wound healing properties for the treatment of skin lesions in diabetic mice. *J. Biomed. Mater. Res. A*. 108, 654–662.
- Straaten, H. M. O., Man, A. M. E. S., Waard, M. C. 2014. Vitamin C Revisited. *Biomed Central*. Vol. 18:460
- Subandrate. 2016. Hubungan Kadar Glukosa Darah dengan Peroksidasi Lipid pada Pasien DM tipe 2. *Cermin Dunia Kedokteran-242*. 43(7): 480-489.
- Suharmiati. 2003. Pengujian Bioaktivitas Anti Diabetes Mellitus Tumbuhan Obat. *Jurnal Cermin Dunia Kedokteran*. 140(1): 8-12.
- Sulistiyoningrum, E. 2014. Perubahan Seluler dan Molekuler pada Nefropati Diabetik. *Mandala of Health*. 7(1): 514-520.
- Tandi, J., Ayu W., Asrifa. 2017. Efek Ekstrak Etanol Daun Gendola Merah (*Basella alba L.*) terhadap Kadar Kreatinin, Ureum dan Deskripsi Histologis Tubulus Ginjal Tikus Putih Jantan (*Rattus norvegicus*) Diabetes yang Diinduksi Streptozotocin. *Farmasi Galenika (Galenika Journal of Pharmacy)*. 3(2): 93-102.
- Tandra, H., 2008. *Segala Sesuatu yang Harus Anda Ketahui Tentang Diabetes*. Jakarta: Penerbit PT. Gramedia Pustaka Utama
- The ACCORD Study Group. 2010. Effects of intensive blood-pressure control in type 2 DM. *N Engl J Med*. 362(17): 1575–1585.
- Tritisari, K. P., Handayani, D., Ariestiningsih, A. D., Kusumastuty, I. 2016. Asupan Makanan Sumber Antioksidan Dan Kadar Glukosa Darah Puasa Pada Penderita DM Tipe 2 Di Jawa Timur. *Majalah Kesehatan FKUB*. Vol. 4(2):96-104.
- Tritisari, K.P., Dian H., Ayuningtyas D.A., Inggita K. 2017. Asupan Makanan Sumber Antioksidan dan Kadar Glukosa Darah Puasa pada Penderita DM Tipe 2 di Jawa USDA. *United States Department of Agriculture National Nutrient Database*. 2016. Broccoli, raw. *National Agricultural Library*. USA.
- Wahyuni, E. 2011. Pengaruh Pemberian Folat terhadap Kadar Homosistein Serum dan Malondialdehid Plasma Studi Eksperimental pada Tikus Sprague Dawley yang diinduksi Streptozotocin. *Tesis*. Magister Ilmu Biomedik dan Program Spesialis PatologiKlinik. Universitas Diponegoro.
- Wais, M., Nazish, I., Samad, A., Beg, S., Abusufyan, S., Ajaj, S. A., Aqil, M. 2012. Herbal drugs for diabetic treatment: an updated review of patents. *Recent Patents on Anti-infective Drug Discovery*. Vol. 7(1): 53–59.
- Waji, R.A., Sugrani A. 2009. Flavonoid (Quersetin). *Makalah Kimia Organik Bahan Alam*. Program Pascasarjana, Universitas Hasanuddin.
- Widowati, W. 2008. Potensi Antioksidan Sebagai Antidiabetes. *Jurnal Kesehatan Maranatha*. 7(2): 193-202.
- Widyastuti, N., Pramesti, R. 2014. Pengaruh Pemberian Jus Daun Ubi Jalar (*Ipomoea batatas(L.) Lam*) Terhadap Kadar Kolesterol LDL Tikus Wistar Jantan (*Rattus*

norvegicus) Yang Diberi Pakan Tinggi Lemak. *Journal of Nutrition College*.Vol.3(4): 706-714.

Wisudanti, D.D. 2016. Aplikasi Terapeutik Geraniin dari Ekstrak Kulit Rambutan (*Nephelium Lappaceum*) sebagai Antihiperlikemik Melalui Aktivasnya Sebagaiantioksidan pada DM Tipe 2. *NurseLine Journal*.1(1): 121-138.

World Health Oraganization (WHO). 2013. *Definition and diagnosis of diabetes mellitus and intermediate hyperglycemia*. Diakses: 27 Mei 2018 dari <http://www.who.int/diabetes/publications/en>.

Yadav N.P., Meher J.G., Pandey N., Luqman S., Yadav K.S. and Chanda D., 2007, Enrichment, Development, and Assessment of Indian Basil Oil Based Antiseptic Cream Formulation Utilizing Hydrophilic-Lipophilic Balance Approach, *BioMed Research International*, 2007, 1–9

