

## DAFTAR PUSTAKA

- Alia, M., Horcajo, C., Bravo, L., & Goya, L. (2003). Effect of Grape Antioxidant Dietary Fiber on the Total Antioxidant Capacity and the Activity of Liver Antioxidant Enzymes In Rats. *Nutrition Research*, 23:1251–1267.
- American Diabetes Association. (2008). Standards of Medical Care in Diabetes - 2008 (Position statement). *Diabetes Care*, 31:12-54.
- Amic, D., Davidovic-Amic, D., Beslo, D., & Trinajstic, N. (2003). Structure-Related Scavenging Activity Relationship of Flavonoids. *Croatia Chemica Acta*, 76:55-61.
- Amstrong, D. G., Kanda, V. A., Lavery, L. A., Marston, W., Mills, J. L., & Boulton, A. J. (2013). Mind The Gap : Disparity Between Research Funding and Cost of Care for Diabetic Foot Ulcers. *Diabetes Care*, 36:1815-1817.
- Anhwange, B. A., Ugye, T. J., & Nyiaatagher, T. D. (2008). Chemical Composition of *Musa sapientum* (Banana) Peels. *Electron. J. Environ. Agric. Food Chem*, 8:437-442.
- Arunakumara, K., Walpola, B. C., & Yoon, M.-H. (2013). Banana Peel: A Green Solution for Metal Removal from Contaminated Water. *Korean J Environ Agric*, 32(2):108-116.
- Bedoya, F., Solano, F., & Lucas, M. (1996). N-monomethyl-arginine and Nicotinamide Prevent Streptozotocin-Induced Double Strand DNA Break Formation in Pancreatic Rat Islets. *Experientia*, 52:344-347.
- Bloomgarden, Z. T. (2008). Approaches to Treatment of Type 2 Diabetes. *Diabetes Care*, 31:1697-1703.
- Bollafi, J., Nagamatsu, S., Harris, J., & Grodsky, G. (1987). Protection by Thymidine, An Inhibitor of Polyadenosine diphosphate ribosylation, of Streptozotocin Inhibition of Insulin Secretion. *Endocrinology*, 120:2117-2122.
- Chauhan, A. S. (2010). Plants Having Potential Antidiabetic Activity: A Review. *Der Pharm Lett*, 2(3):369-387.
- Dikshit, P., Shukla, K., Tyagi, M., Garg, P., Gambhir, J. K., & Shukla, R. (2012). Antidiabetic and antihyperlipidemic effects of the stem of *Musa sapientum* Linn. in streptozotocin-induced diabetic rats. *Journal of Diabetes*, 4:378-385.

- Direktoral Jenderal Bina Kefarmasian dan Alat Kesehatan. (2005). *Pharmaceutical Care Untuk Penyakit Diabetes Mellitus*. Jakarta: Departemen Kesehatan RI.
- Gomathy, R., Viajayalekshmi, N., & Kurup, P. (1990). Hypoglycemic action of the pectin present in the juice of the inflorescence stalk of plantain (*Musa sapientum*)—Mechanism of action. *J. Biosci*, 5(4): 297-303.
- Guyton, A., & Hall, J. (2007). *Buku Ajar Fisiologi Kedokteran*. Jakarta: EGC.
- International Diabetes Federation. (2013). *IDF Diabetes Atlas Sixth Edition*. International Diabetes Federation.
- Ighodaro, O. (2012). Evaluation study on Nigerian species of *Musa paradisiaca* Peels: Phytochemical Screening, Proximate Analysis, Mineral Composition and Antimicrobial Activities. *Researcher*, 4(8):17-20.
- Javed, I., Rahman, Z. U., Khan, M. Z., Muhammad, F., Aslam, B., Iqbal, Z., et. al. (2009). Antihyperlipidaemic Efficacy of *Trachyspermum ammi* in Albino Rabbits. *Acta. Vet. Brno*, 78:229–236.
- Khrisna, R., Sudjatno, H.R.M., & Firmansah, A. (2011). Perbandingan Pemberian Susu Kedelai Bubuk dan Susu Kedelai Rumah Tangga terhadap Glukosa Darah Puasa pada Tikus Diabetes Melitus Hasil Induksi Alokasan Monohidrat. *MKB J*, 43(2):98-104.
- Manaf, A. (2014). Insulin : Mekanisme Sekresi dan Aspek Metabolisme. In *Ilmu Penyakit Dalam* (4<sup>th</sup> ed.) Jilid II (pp. 2350-2354). Jakarta: Interna Publishing.
- Middleton, E., & Kandaswanmi, C. (1992). Effects of Flavonoids on Immune and Inflammatory Cell Function. *Biochem Pharmacol*, 43:1167-1179.
- Murray, R., Granner, D., Mayes, P., & Rodwell, V. (2000). *Harper's Biochemistry, 25th edn*. Stanford: Appleton and Lange.
- Nukatsuka, M., Yoshimura, Y., Nishida, M., & Kawada, J. (1990). Importance of The Concentration of ATP in Rat Pancreatic Beta Cells in The Mechanism of Streptozotocin-Induced Cytotoxicity. *J Endocrinol*, 127: 161-165.
- Octarini, R. (2010). *Pengaruh Ekstrak Herba Anting-Anting (Acalypha australis L.) terhadap Kadar Glukosa Darah Mencit Balb/C Induksi Streptozotocin*, Karya Tulis Ilmiah Strata Satu, Fakultas Kedokteran Universitas Sebelas Maret, Surakarta.
- Patel, I., Padse, O., & Ingole, Y. (2015). Comparative Analysis of Antioxidant and Antidiabetic Activity for Apple (*Malus domestica*), Banana (*Musa*

- paradisiaca) & Kiwi (*Actinidia deliciosa*). *International Journal of Research in Advent Technology*, 28-31.
- Perhimpunan Dokter Spesialis Penyakit Dalam Indonesia. (2013). *Petunjuk Praktis Terapi Insulin pada Pasien Diabetes Melitus*. Jakarta : PB PAPDI.
- Perkasa, N. I. (2013). *Pengaruh Pemberian Ekstrak Etanol Kulit Pisang Ambon (*Musa paradisiaca*) terhadap Kadar Glukosa pada Tikus Putih Galur (*Sprague Dawley*) yang Diinduksi Aloksan*, Karya Tulis Ilmiah Strata Satu, Fakultas Kedokteran Universitas Lampung, Bandar Lampung.
- Perkumpulan Endokrinologi Indonesia. (2011). *Konsensus Pengelolaan dan Pencegahan Diabetes Mellitus Tipe 2 di Indonesia*. Jakarta: PERKENI.
- Portha, B., Levacher, C., Picon, L., & Rosselin, G. (1974). Diabetogenic Effect of Streptozotocin in The Rat During The Perinatal Period. *Diabetes*, 23:889-895.
- Pribadi, Alva. (2014). Pengaruh Pemberian Ekstrak Kulit Buah Manggis (*Garcinia mangostana* L) dan Simvastatin Terhadap Kadar Triglisericid. *MMM J*, 3(1):1-14.
- Purnamasari, D. (2014). Diagnosis dan Klasifikasi Diabetes Melitus. *In Ilmu Penyakit Dalam* (4<sup>th</sup> ed.) Jilid II (pp. 2323-2327). Jakarta Pusat: Interna Publishing.
- Rahman, M. M., & Kabir, S. (2003). 1st Ed. Asiatic Society of Bangladesh, Dhaka. *Banglapedia*. 1:403.
- Ramachandran, A., Snehalatha, C., Shetty, A. S., & Nanditha, A. (2012). Trends In Prevalence of Diabetes In Asian Countries. *World J Diabetes*, 3(6): 110-117.
- Sargowo, D., & Andarini, S. (2011). The Relationship Between Food Intake and Adolescent Metabolic Syndrome. *J Kardiol Indones*, 32:14-23.
- Soegondo, S. (2014). Farmakoterapi Pada Pengendalian Glikemia Diabetes Melitus Tipe 2. *In Ilmu Penyakit Dalam* (4<sup>th</sup> ed.) Jilid II (pp. 2328-2335). Jakarta Pusat: Interna Publishing.
- Sousa, R.V.R.B., Guedes, M.I.F., Marques, M.M.M., Viana, D.A., Da Silva, I.N.G., Rodrigues, P.A.S., et. al. (2014). Hypoglycemic Effect of New Pectin Isolated From *Passiflora Glandulosa* Cav In Alloxan-Induced Diabetic Mice. *World Journal of Pharmacy and Pharmaceutical Sciences*, 4:1571-1586.
- Suherman, S.K. (2009). Insulin dan Antidiabetik Oral. *In Farmakologi dan Terapi* Edisi 5 (pp. 491-492). Jakarta: Balai Penerbit FK UI.

- Suryani, N., Hernowati, T.E., & Aulanni'am. (2013). Pengaruh Ekstrak Metanol Biji Mahoni terhadap Peningkatan Kadar Insulin, Penurunan Ekspresi TNF- $\alpha$  dan Perbaikan Jaringan Pankreas Tikus Diabetes. *Jurnal Kedokteran Brawijaya*, 27(3):137-145.
- Szkudelski, T. (2001). The Mechanism of Alloxan and Streptozotocin Action in B Cells of the Rat Pancreas. *Physiol. Res*, 50:536-546.
- Ward, W.K., Beard, J.C., Halter, J.B., Pfeifer, M.A., Porte, D. (1984). Eathophysiology of Insulin Secretion in Non-insulin-dependent Diabetes Mellitus. *Diabetes Care*, 7(5):491-502.
- West, E., Simon, O., & Morrison, E. (1996). Streptozotocin Alters Pancreatic Beta-cell Responsiveness to Glucose within Six Hours of Injection into Rats. *West Indian Med J*, 45:60-62.
- World Health Organization. (2015). NCD Mortality and Morbidity. *Global Health Observatory (GHO) Data*. Diakses 18 Maret 2015, dari [http://www.who.int/gho/ncd/mortality\\_morbidity/en](http://www.who.int/gho/ncd/mortality_morbidity/en)