

## DAFTAR PUSTAKA

- Adam, L. (2015, 18 Juni). Daun Simpur Berfungsi Serba Guna. Diakses 8 April 2016, dari <http://bangka.tribunnews.com/2015/06/18/daun-simpur-berfungsi-serba-guna>.
- Andayani, Y. (2003). Mekanisme aktivitas antihiperqlikemik ekstrak buncis (*Phaseolus vulgaris* Linn) pada tikus diabetes dan identifikasi komponen bioaktif. Disertasi, Institut Pertanian Bogor, Bogor.
- Armania, N., Yazan, L. S., Ismail, I. S., Foo, J. B., Tor, Y. S., Ishak, N., et al. (2013). *Dillenia Suffruticosa Extract Inhibits Proliferation of Human Breast Cancer Cell Lines (MCF-7 and MDA-MB-231) via Induction of G2/M Arrest and Apoptosis*. *Molecules*, 2013, 18, 13320-13339.
- Armania, N., Yazan, L. S., Musa, S. N., Ismail, I. S., Foo, J. B., Chan, K. W., et al. (2013). *Dillenia Suffruticosa Exhibited Antioxidant and Cytotoxic Activity Through Induction of Apoptosis and G2/M Cell Cycle Arrest*. *Journal of Ethnopharmacology*, 146 (2013) 525–535.
- Bacha, F., Lee, S., Gungor, N., & Arsianian, S. A. (2010). *From Pre-Diabetes to Type 2 Diabetes in Obese Youth*. *Diabetes Care*, 33 : 2225–2231.
- Boyle, J. P., Thompson, T. J., Gregg, E. W., Barker, L. E., & Williamson, D. F. (2010). *Projection of the year 2050 burden of diabetes in the US adult population: dynamic modeling of incidence, mortality, and prediabetes prevalence*. *Population Health Metrics* 2010, 8 : 29.
- Butler, A.E., Janson J., Bonner-Weir S., Ritzel R., Rizza R. A., Butler C. 2001. *Cell Deficit and Increased-Cell Apoptosis in Humans with Type 2 Diabetes*. *Diabetes* 32: 102-110.
- Centers for Disease Control and Prevention. (2011). *Fast Facts on Diabetes*. National Diabetes Facts Sheet-2011.
- Correia, S., Carvalho, C., Santos, M. S., Seica, R., Oliveira, C. R., & Moreira, P. I. (2008). *Mechanisms of Action of Metformin in Type 2 Diabetes and Associated Complications: An Overview*. *Mini-Reviews in Medicinal Chemistry*, 8, 1343-1354.
- Dambinska-Kiec, A., Mykkanen, O., Kiec-Wilk, Beata., & Hannu, M. (2008). *Antioxidant Phytochemicals Against Type 2 Diabetes*. *British Journal of Nutrition*, 99, E-Suppl. 1, ES109–ES117.
- Dumontet, C., Drai, J., Theiblemont, C., Hequet, O., Espinouse, D., Bouafia, F., et al. (2001). *The superoxide dismutase content in erythrocytes predicts short-term toxicity of high-dose cyclophosphamide*. *Br. J. Haematol*, 112: 405-409.
- Evans, J. M. M., Ogston, S. A., Emslie-Smith, A., & Morris, A. D. (2006). *Risk of Mortality and Adverse Cardiovascular Outcomes in Type 2 Diabetes: A*

- Comparison Of Patients Treated With Sulfonylureas And Metformin. Diabetologia*, 49: 930–936.
- Gandhi, G. R., Ignacimuthu, S., & Paulraj, M. G. (2011). *Solanum Torvum Swartz. Fruit Containing Phenolic Compounds Shows Antidiabetic and Antioxidant Effects in Streptozotocin Induced Diabetic Rats. Food and Chemical Toxicology*, 49: 2725–2733.
- Harper, S. J., & LoGrasso, P. (2001). *Signalling For Survival and Death In Neurones The Role of Stress-Activated Kinases, JNK And P38. Cellular Signalling*, 13: 299-310.
- Hilawe, E. H., Yatsuya, H., Kawaguchi, L., & Aoyama, A. (2013). *Differences by Sex in The Prevalence of Diabetes Mellitus, Impaired Fasting Glycaemia and Impaired Glucose Tolerance in Sub-Saharan Africa: A Systematic Review And Meta-Analysis. Bull World Health Organ*, 91:671–682D.
- Houstis, N., Rosen, E. D., & Lander, E. S. (2006). *Reactive Oxygen Species Have A Causal Role In Multiple Forms Of Insulin Resistance. Nature*, Vol. 440.
- International Diabetes Federation. (2011, 14 November). *One Adult In Ten Will Have Diabetes by 2030*. Diakses 8 April 2016, dari <http://www.idf.org/media-events/press-releases/2011/diabetes-atlas-5th-edition>.
- Julianti, E.D., Nurjanah, N., Yuniati, H., Ridwan, E., & Sahara, E. (2015). Pengaruh Tapioka Termodifikasi Ekstrak Teh Hijau terhadap Glukosa Darah dan Histologi Pankreas Tikus Diabetes. *Penelitian Gizi Dan Makanan, Juni 2015 Vol. 38 (1): 51-60*.
- Kaneto, H., Matsuoka, T., Nakatami, Y., Kawamori, D., Miyatsuka, T., Matsuhisa, M., et al. (2005). *Oxidative Stress, ER Stress, And The JNK Pathway In Type 2 Diabetes. J Mol Med*, 83: 429–439.
- Kolb, H. (1987). *Mouse Models Of Insulindependent Diabetes: Low-Dosestreptozocin-Induced Diabetes And Nonobese Diabetic (NOD) Mice. Diabetes Metab Rev*. 1987;3:751-778
- Li, X., Chen, H., & Epstein, P. N. (2006). *Metallothionein and Catalase Sensitize to Diabetes in Nonobese Diabetic Mice. Diabetes*, 55:1592–1604.
- Martin, M. A., Ramos, S., Cordero-Herrero, I., Bravo, L., & Goya, L. (2013). *Cocoa Phenolic Ekstrak Protects Pancreatic Beta Cells against Oxidative Stress. Nutrients*, 5: 2955-2968.
- Meiyandri, D. (2013). Pengujian Aktivitas Hipoglikemik Ekstrak Air daun Angsana (*Pterocarpus Indicus Willd*) terhadap Histopatologi Sel Beta Pankreas Tikus Diabetes Aloksan. Karya Tulis Ilmiah strata satu, Universitas Katolik Widya Mandala Surabaya, Surabaya.

- Monami, M., Lamanna, C., Niccolo, M., & Mannucci, E. (2008). *Comparison Of Different Drugs As Add-On Treatments To Metformin In Type 2 Diabetes: A Meta-Analysis*. *Diabetes research and clinical practice*, 79:196 – 203.
- Murray, R.K., D.K. Graner., P.A. Rodwel & Victor, W. (2003). *Biokimia Harper* (25<sup>th</sup> ed.). Jakarta: EGC.
- Notoatmodjo, S. (2010). *Metodologi Penelitian Kesehatan*. Jakarta: Rineka Cipta.
- Nugroho, A. E. (2006). Review Hewan Percobaan *Diabetes Mellitus* : Patologi Dan Mekanisme Aksi Diabetogenik. *Biodiversitas*, 7(4): 378-382.
- Phillipe, M. F., Benabadji, S., Barbot-Trystram, L., Vadrot, D., Boitard, C., & Langer, E. (2011). *Pancreatic Volume And Endocrine And Exocrine Functions In Patients With Diabetes* [Abstrak]. *Pancreas*, 40(3):359-63.
- Pilia, S., Casini, M. R., Cambuli, V. M., Ibba, A., Civolani, P., Zavattari, P., et al. (2011). *Prevalence Of Type 1 Diabetes Autoantibodies (GAD And IA2) In Sardinian Children And Adolescents With Autoimmune Thyroiditis*. *Diabetic Medicine*, 28: 896–899.
- Robertson, R. P., Harmon, J., Tran, P. O. T., & Poitout, V. (2004). *Beta-Cell Glucose Toxicity, Lipotoxicity, and Chronic Oxidative Stress in Type 2 Diabetes*. *Diabetes*, 53 (Suppl. 1):S119–S124.
- Sandberg, A. A & Philip, D. H. 2008. *Interactions Of Exocrine And Endocrine Pancreatic Diseases*. *J.Pancreas*, 9(4):541-575.
- Schram, M. T., Baan, C. A., & Pouwer, F. (2009). *Depression and Quality of Life in Patients with Diabetes: A Systematic Review from the European Depression in Diabetes (EDID) Research Consortium*. *Current Diabetes Reviews*, 5: 112-119.
- Slater, T. F. 1984. *Free-Radical Mechanisms In Tissue Injury*. *Biochem. J.*, 222: 1–15.
- Song, F., Jia, W., Yao, Y., Hu, Y., Lei, L., Lin, J., et al. (2007). *Oxidative Stress, Antioxidant Status And DNA Damage In Patients With Impaired Glucose Regulation And Newly Diagnosed Type 2 Diabetes*. *Clinical Science*, 112 : 599–606.
- Sugiyono. (2013). *Metode Penelitian Pendidikan (Pendekatan Kualitatif, Kuantitatif Dan R&D)*. Bandung: Alfabeta.
- Suksomboon, N., Poolsup, N., Boonkaew, S., & Suthisisang, C. C. (2011). *Meta-Analysis Of The Effect Of Herbal Supplement On Glycemic Control In Type 2 Diabetes*. *Journal of Ethnopharmacology*, 137: 1328– 1333.
- Szkudelski, T. (2001). *The Mechanism of Alloxan and Streptozotocin Action in B Cells of the Rat Pancreas*. *Physiology Research*. 50: 536-546.

- Tahrani, A. A., Varughese, G. I., Scarpello, J. H., & Hanna, F. W. F. (2007). *Metformin, heart failure, and lactic acidosis: is metformin absolutely contraindicated?. BMJ*, 2007;335:508-12.
- Tjay, T.H., & Rahardja. (2002). *Obat-obat Penting, Penggunaan, dan Efek-efek Sampingnya* (6<sup>th</sup> ed.). Jakarta : Elex Media Komputindo, p : 568-9, 582.
- Tzoulaki, I., Molokhia, M., Curcin, V., Little, M. P., Millet, C. J., Ng, A., et al. (2009). *Risk Of Cardiovascular Disease And All Cause Mortality among Patients With Type 2 Diabetes Prescribed Oral Antidiabetes Drugs: Retrospective Cohort Study Using UK General Practice Research Database. BMJ*, 2009;339:b4731.
- Unger, R. H & Orci, L. (2010). *Paracrinology Of Islets And The Paracrinopathy Of Diabetes. PNAS*, 107(37):16009–16012.
- Valdes, A. M., & Noble, J. A. (2011). *Genetics of the HLA Region in the Prediction of Type 1 Diabetes. Curr Diab Rep*, 11(6): 533–542.
- Widowati, S. (2007). *Pemanfaatan Ekstrak Teh Hijau (Camellia sinensis) Dalam Pengembangan Beras Fungsional untuk Penderita Diabetes Melitus*. Disertasi, Institut Pertanian Bogor, Bogor.

