DAFTAR PUSTAKA

Abdulghani, M. A., Matsuda, M. dan DeFronzo, R. A. 2008. *Strong Association Between Insulin Resistance in Liver and Skeletal Muscle in Non-Diabetic Subjects*. Diabetic Medicine, 25: 1289–1294.

American Diabetes Association. 2014. *Diagnosis and Classification of Diabetes Mellitus*. Majalah Diabetes Care. - January 1, 2014. - Vol. 37. Hal. S81.

American Diabetes Association. 2015. *Classification and Diagnosis of Diabetes.* Majalah Diabetes Care. Volume 38, Supplement 1, January 2015. S11.

Anantyo, D.T. 2009. *Efek Minyak Atsiri dari Bawang Putih (Allium sativum) terhadap Presentase Jumlah Neutrofil Tikus Wistar yang Diberi Diet Kuning Telur.* Semarang : Universitas Diponegoro.

Astiyandani, Permana, Vedayanti, Larayanthi, Windasari, dan Wahyuniari 2010. *Uji Klinis In Vivo Pengaruh Konsumsi Daluman (Cycllea barbata) terhadap Penurunan Kadar Gula Darah pada Tikus Wistar Jantan dengan Diabetes Mellitus tipe 2*. Jurnal IPTEKMA.

Ayepola, O. R., Brooks, N. L., dan Oguntibeju O. O. 2014. *Oxidative Stress and Diabetic Complications:The Role of Antioxidant Vitamins and Flavonoids*. Intech.

Bahadoran, Z., Mirmiran, P., Azizi, F. 2013. Dietary Polyphenols as Potential Nutraceuticals in Management Diabetes. *J. Diabetes Metabolism Disorder*.

Botutihe. 2010. *Efek Ekstrak Rumput Laut Coklat (Sargasum duplicatum Bory) Terhadap Profil Radikal Bebas dan Protein Kinase C Paru Tikus (Rattus novegicus) yang Dipapar Benzo[A]piren.* Malang : Universitas Brawijaya

Cesca, T.G., Faqueti, L.G., Rocha, L.W., Meira, N.A., Meyre-Silva, C., Souza M.M, *et al*. 2012. *Antinociceptive, anti-inflammatory and wound healing features in animal models treated with a semisolid herbal medicine based on Aleurites moluccana L. Willd. Euforbiaceae standardized leaf extract Semisolid Herbal*. Journal of Ethnopharmacology 142. Elsevier.

Droge, W. 2002. *Free Radicals in Physiological control of cell function. Physiol Rev.* 47-9.

Evans, J.L., Goldfine, I. D., Maddux, B.A., dan Grodsky, G. M. 2002. *Oxidative stress and stress-activated signaling pathways : a unifying hypothesis of type 2 diabetes. Diabetes Rev.*23 (5), 599-622.

Fatimah, R. N. 2015. *Diabetes Mellitus Tipe 2.* Jurnal J Majority Kedokteran Universitas Lampung Volume 4 Nomor 5. Lampung : Universitas Lampung.

Filho, V.C., Bresolim T.M.B., Meyre-Silva, C., Spricigo R., Lucinda R.M., Picolli C., *et al.* 2010. *Extract if Aleurites sp., Process of Obtaining the same and uses Thereof.* Eurofarma Laboratorium.

Fiqriyana, M. A. 2010. *Pengaruh Pemberian Ekstrak Euchema spinom terhadap Kadar Glukosa dalam Darah dan Aktivitas Superoksida Dismutase (SOD) pada Tikus terpapar Multiple Low Doses Streptozotocin (MLD-STZ)*. Tugas Akhir. Tidak diterbitkan. Malang. Fakultas Matematika dan Ilmu Pengetahuan Alam Universitas Brawijaya.

Folador, P., Cazarolli, L.H., Gazola, A.C., Reginatto, F.H., Schenkel, E.P., dan Silva, F.R.M.B. 2010. Potential Insulin Secretagogue Effects onf Isovitexin and Swertisin Isolated from Wilbrandia ebracteata roots in non-diabetic rats.[Abstrak]. *Fitoterapia* 81.

Forbes, J.M., Coughlan, M.T., Cooper, M.E. 2008. *Oxidative Stress as a Major Culprit in Kidney Disease in Diabetes.* PubMed.

Fowler, M.J. 2008. Microvascular and macrovascular complications of diabetes. *Clin Diabetes,* 26(2): 77-82.

Giacco, F. & Brownlee, M. 2010. Oxidative stress and diabetic complications. *Circ Res,*107(9): 1058-1070.

Gutowski, M. dan Kowalczyk, S. 2013. A Study of Free Radical Chemistry : Their Role and Pathophysiological Significance. ACTA ABP Biochimica Polonica. Neurovascular Research Laboratory, Faculty of Health, Science and Sport, University of Glamorgan, United Kingdom.

Handayani, D., Prijadi, B. 2007. Pengaruh Pemberian Pasta Tomat terhadap Jumlah Sel busa pada Aorta Tikus Diet Aterogenik. Malang : Program Studi Ilmu Gizi,

Laboratorium Biokimia Biomolekuler, Fakultas Kedokteran Universitas Brawijaya.

Hikmah, N. 2014. Profil Kadar Gula Darah Diabetes dengan Metode Induksi Stratified Dose Streptozotocin (SD-STZ) dan Multi Low Dose Streptozotocin (MLD-STZ). Jember : UNEJ

International Diabetes Federation (IDF). 2014. *Diabetes ATLAS sixth edition*.

Jawi I, Suprapta D.N., dan Subawa A. A. N. 2008. Ubi Jalar Ungu Menurunkan MDA dalam Darah dan Hati Mencit Setelah Aktivitas Fisik Maksimal. *Jurnal Veteriner*. 65-72.

Kasper, D. L., Fauci A. S., Hauser S. L., Longo D.L., Jameson J. L., Loscalzo J. 2015. Buku *Harrison's Principles of Internal Medicine* 19th *Ed.* New York : McGraw-Hill Medical.

Kementrian Kesehatan Republik Indonesia. 2013. *Diabetes Mellitus Penyebab Kematian Nomor 6 di Dunia: Kemenkes RI Tawarkan Solusi CERDIK melalui Posbindu*. http://www.depkes.go.id/article/view/2383/diabetes-melitus-penyebab-kematian-nomor-6-di-dunia-kemenkes-tawarkan-solusi-cerdik-melalui-posbindu.html.

Krisnawati, H., Kallio, M., Kanninen, M., 2011. *Aleurites moluccana (L.) Willd.* Buku *Ekologi, silvikultur dan Produktivitas.* CIFOR, Bogor.

Kumawat, M., Singh, I., Singh, N., Singh, V., Simmi, K. 2012. Lipid Peroxidation and Lipid profile in Type II Diabetes Mellitus*. WebMed Central Biochemistry*.

Kurniawan, B dan Suhartono, Eko. 2012. Stres Oksidatif dan Antioksidan pada Diabetes Mellitus. Majalah *Kedokteran Indonesia*.

Lenzen, S. 2008. The Mechanism of Alloxan and Streptozotocin-induced diabetes. *Diabetologia.*

Mallick, A. K., Maradi, R., Joshi, V. R., Shorey, G., dan Ahsan, M. 2011. Study on Malondialdehyde as a marker of lipid peroxidation in male and female patients with Type-2 Diabetes Mellitus. International Journal of Pharmaceutical sciences Review and Research May-June 2011: vol 8, issue 2. Article 033.198-201.

Meydani, P Y D. 2011. *Penelitian Pencegahan Komplikasi DM oleh Pasien DM di Poliklinik Khusus Penyakit Dalam RSUP Dr. M. Djamil Padang*.

Niazi, J., Poonia, P., Gupita, V., dan Kaur, N. 2010. *Pharmacotherapeutics of Curcuma Longa-A Potent Patent*.

Panut, I. 2012. Hubungan antara Malondialdehid dengan eLFG pada Pasien Diabetes Mellitus tipe 2 RSUPN Dr.Cipto Mangunkusumo. Jakarta : FMIPA UI

PERKENI. 2011. Konsensus Diabetes Mellitus Tipe 2 dan Tatalaksana Terkini.

Ramadhan A.E. dan Phaza H.A. 2010. *Pengaruh Konsentrasi Etanol, Suhu dan Jumlah Stage pada Ekstraksi Oleoresin Jahe (Zingiber officinale Rosc) Secara Batch*. Tugas Akhir. Semarang: Jurusan Teknik Kimia Fakultas Teknik Universitas Diponegoro Semarang.

Rohmatussolihat. 2009. Antioksidan, Penyelamat Sel-Sel Tubuh Manusia. *Bio Trends* Vol.4 No.1

Repetto, M., Semprine, J. dan Boveris, A. 2012. Lipid Peroxidation: Chemical Mechanism, Biological Implications and Analytical Determination*. Intech*.

Saddala, R. R, Thopireddy, L, Ganapathi, N, dan Kesireddy, S. R. 2013. Regulation of Cardiac Oxidative Stress and Lipid Peroxidation in Streptozotocin-induced Diabetic Rats Treated with Aqueous Extract of *Pimpina tirupatiensis* Tuberous Root*. Exp. Toxicol. Pathol*., 65.

Setiawan, B., Suhartono, E. 2005. Stres Oksidatif dan Peran Antioksidan pada Diabetes Mellitus. Fakultas Kedokteran Universitas Lambung Mangkurat. Banjarbaru.

Shodehinde S. A and Oboh G. 2013. Antioxidant Properties of aqueous extracts of Unripe *Musa paradisiaca* on Sodium Nitroprusside Induced Lipid Peroxidation in Rat Pancreas In Vitro. *Asian Pacific Journal of Tropical Biomedicine*. Vol. 3. Hal. 449–457.

Szkudelski, T. 2001. The Mechanism of Alloxan and Streptozotocin Action in B Cells of the Rat Pancreas*. PubMed.*

Suryohudoyo, P. 2000. Oksidasi, antioksidan dan radikal bebas. Buku *Kapita selekta ilmu Kedokteran Molekular.* Jakarta : Sagung Seto 31-47.

Sudarmadji. 2003. Analisa Bahan Makanan dan Pertanian. Yogyakarta: *Liberty.*

Symonowicz, M. dan Kolanek, M. 2012. Flavonoids and Their Properties to Form Chelate Complexes. Institute of General Food Chemistry, Lodz University of Technology, 90-924 Lodz, Polandia.

Testa, R., Bonfigli, A. R., Genovese, S., Nigris, V.D., dan Ceriello, A. 2016. The Possible Role of Flavonoids in the Prevention of Diabetic Complications. 8;310;doi:10.3390. *Nutrients.* MDPI.

Thakur M. dan Javarappa D. 2014. Adenosine Deaminase and Malondyaldehyde Levels in Type 2 Diabetes. *Global Journal*.

Teixeria F, Nunes S, Teixeiria-Lemos E, Reis F. 2011. Regular physical exercise training assists in Preventing Type 2 Diabetes Development : Focus on its Antioxidant and Anti-Inflammatory Properties. *PubMed.*

Wagner, W. L., Herbst, D. R., dan Sohmer, S. H. 1990. Manual of the Flowering Plants of Hawaii.

Waspadji , S. 2009. Kaki diabetes. Buku *Ajar Ilmu Penyakit Dalam,* Jilid III, edisi kelima. Jakarta: Interna publishing.

Weidinger, A., dan Kozlov V. A. 2015. Biological Activities of Reactive Oxygen and Nitrogen Species: Oxidative Stress versus Signal Transduction. *Biomolecules.* Austria.

WHO. 2012. *Article NCD Profiles Country*.

Winarsi, Hery. 2007. Antioksidan Alami dan Radikal Bebas. Yogyakarta: *Kanisius.*

Yuswantina, R., Yulianta, O., Warisman, P. 2011. The Experiment Antioxidant Activity Of Aleurites moluccana (L.) Willd Leaves Ethanolic Extract By DPPH (2,2-Diphenyl-1-Picrylhydrazyl) Method. Perpustakaan Online STIKES Ngudi Waluyo Ungaran.

Zhang, M., Ly, X-A., Li, J., Xu, Z.G., dan Chen, Li. 2008. The Characterization of High Fat Diet and Multiple Low-Dose Streptozotocin Induced Type 2 Diabetes Rat Model. *Exp. Diabetes Res.* 2008; 704045.

Zuhra, C.F., Juliarti, B.R., Tarigan dan Herlince, S. 2008. Aktivitas Antioksidan Senyawa Flavonoid dari Daun Katuk (*Sauropus androgunus* (L) Merr.). *Jurnal Biologi Sumatera*. 3(1): 7-10