

DAFTAR PUSTAKA

- Ansel, H. C. (1989). *Pengantar Bentuk Sediaan Farmasi*. Jakarta: UI Press.
- Banerjee, M. & Bhonde, R. R. (2003). *Islet Generation From Intra Islet Precursor Cells of Diabetic Pancreas: In Vitro Studies Depicting In Vivo Differentiation*. Jop,4(4), 137-145.
- Baynes, J. W. & Dominiczak, M. H. (2005). *Medical Biochemistry* (2nd ed.). China: Elsivier Mosby.
- Bernard, C., Berthault, M. F., Saulnier, C., & Ktorza, A. (1999). *Neogenesis vs. Apoptosis as Main Components of Pancreatic β Cell Mass Changes in Glucose-Infused Normal and Mildly Diabetic Adult Rats*, FASEB Journal, 13:1195-1205.
- Bloom, H., Briggs, L. H., & Cleverley, B. (1959). *Physical Properties of Anthraquinone and Its Derivatives*. Part I. Infrared spectra. Journal of the Chemical Society (Resumed), 33: 178-185.
- Boorman, G. A., & Beth, W. G. (1999). *Pathology of The Mouse*. USA: Cache River Press. Pp 191-193.
- Butler, A. E., Janson, J., Bonner-Weir, S., Ritzel, R., Rizza, R. A., & Butler, P. C. (2001). *Cell Deficit and Increased Cell Apoptosis in Humans with Type 2 Diabetes*. Diabetes, 32: 102-110.
- Conquist, A. (1981). *An Integrated System of Classification of Flowering Plants*. New York: Columbia University Press.
- Doxey. (1995). *Platelet-Derived Growth Factor Levels in Wounds of Diabetic Rat*. Life Sciences, 1111-1123.
- El-Soud, N. H., Khalil, M. Y., Hussein, J. S., Oraby, F., & Farrag, A. H. (2007). *Antidiabetic Effects of Fenugreek Alkaliod Extract in Streptozotocin Induced Hyperglycemic Rats*. Journal of Applied Sciences Research, 1073-1083.
- Fit. (1983). *Aloe vera: The Miracle Plant*. Anderson World Books. Inc., Mountain View. Florida. USA.
- Fly, L. B. (1963). *Antibiotic Activity of Aloe vera*. Eco. Botany, 14: 46-49.

- Furnawanithi, I. (2002). *Khasiat dan Manfaat Lidah Buaya*. Agro Media Pustaka. Jakarta.
- Ganiswarna. (1995). *Farmakologi dan Terapi*. Ed ke-4. Diterjemahkan oleh Rianto Setiabudy, dkk. Jakarta: FKUI.
- Gerritson M. E., Carley W. W., Ranges G. E., Shen C. P., & Phan S. A. (1995). *Flavonoids Inhibit Cytokine-Induced Endothelial Cell Adhesion Protein Gene Expression*. Am J Pathol, 147(2): 278-92.
- Gomez K. A., & Gomez A. A. (1995). *Statistical For Agricultural Research*. USA: John Wiley & Son. Inc.
- Guyton A. C. (1997). *Buku Ajar Fisiologi Kedokteran*. Diterjemahkan oleh Irawati Setiawan. Jakarta: EGC.
- Guz, Y., Nasir, I., & Teitelman, G. (2001). *Regeneration of Pancreatic β Cells From Intra-Islet Precursor Cells in an Experimental Model of Diabetes*. Endocrinology, 142(11): 4956-4968.
- Hamman, J. H. (2008). *Composition and Applications of Aloe vera Leaf Gel*. Journal of Molecules, 13: 1599-1616.
- Handa, S. S., Khanuja, S. P. S., Longo, G., & Rakesh, D. D. (2008). *Extraction Technologies for Medicinal and Aromatic Plants*. Trieste: International Centre for Science and High Technology.
- Harborne, J. B. (1987). *Metode Fitokimia Penuntun Cara Modern Menganalisa Tetumbuhan*. Bandung. ITB.
- Helal, E. G., Hasan, M. H., Mustafa, A. M., & Al-Kamel, A. (2003). *Effect of Aloe vera Extract on Some Physiological Parameters in Diabetic Albino Rats*. The Egyptian Journal of Hospital Medicine, 53-61.
- Henry, R. (1979). *An Up Dated Review of Aloe vera*. Cosm. and Toiletri, 94: 2-50
- Heyne, K. (1987). *Tumbuhan Berguna Indonesia*. Jilid 1. Badan Litbang Kehutanan (Penerjemah), Yayasan Sarana Wana Jaya. Jakarta.
- Hii, C. S. T. & Howell, S. L. (1985). *Effects of Flavonoids on Insulin Secretion and $^{45}Ca^{2+}$ Handling in Rat Islets of Langerhans*. Journal of Endocrinology, 107(1): 1-8.

- Hu, Y., Xu, J., & Hu, Q. (2003). *Evaluation of Antioxidant Potential of Aloe vera (Aloe barbadensis Miller) extracts*. Journal of Agricultural and Food Chemistry, 51(26), 7788-7791.
- IM Walde, S. S., Dohle, C., Schott-Ohly, P., & Gleichmann, H. (2002). *Molecular Target Structures in Alloxan Induced diabetes in mice*. Life Sciences, 71(14), 1681-1694.
- Irianto K. (2004). *Struktur dan Fungsi Tubuh Manusia untuk Paramedis*. Bandung: Irama Widya.
- Kalaivani, A., Umamaheswari, A., Vinayagam, A., & Kalaivani, K. (2008). *Anti-Hyperglycemic and Antioxidant Properties of Cassia Auriculata leaves and Flowers on Alloxan Induced Diabetic Rats*. Pharmacologyonline, 204-217.
- Kim, J. S., Ju , J. B., Choi , C. W., & Kim, S. C. (2006). *Hypoglycemic and Antihyperlipidemic Effect of Four Korean Medicinal Plants in Alloxan Induced Diabetic Rats*. American Journal of Biochemistry and Biotechnology, 154-160.
- Klein, G., Kim, J., Himmeldirk, K., Cao, Y., & Chen, X. (2007). *Antidiabetes and Anti-obesity Activity of Lagerstroemia speciosa*. Antidiabetic compounds from banaba, 401–407.
- Laurence, D. R. & Bennet, P. N. (1992). *Clinical Pharmacology*. Ed ke-7. New York: Churcil Livingstone.
- Laurence J., & Bacharach, M. (1964). *Analytical Toxicology*. Philadelphia: CRC Press.
- Lienhard, G. E., Slot, J. W., James, D. E., & Mueckler, M. M. (1992). *How Cells Absorb Glucose*. Scientific American, 86-91.
- Malaisse, W. J., Lagae, F. M., Sener, A. & Pipeleers, D. G. (1982). *Determinants of The Selective Toxicity of Alloxan to The Pancreatic B Cell*. Proc. Nad Acad. Sci. USA 79 , 927-930.
- Mukkamala, Ravindranath, Weiss, & Richard G. (1996). *Physical Gelation of Organic Fluids by Anthraquinone-Steroid-Based Molecules. Structural Features Influencing The Properties of Gels*. Langmuir, 12.6: 1474-1482.
- Murray , R. K. (2003). *Biokimia Harper*. Jakarta: EGC.

- Musthafa, Z. (2000). *Peran Antioksidan dalam Penghambatan Aterosklerosis pada Tikus Wistar Diabetes Melitus*. Cermin Dunia Kedokteran, 32-33.
- Moriwaki, K. (1994). *Genetic in Wild Mice*. Its Application to Biomedical Research. Tokyo: Karger.
- Morsy, E. M. (1991). *The Final Technical Report of Aloe vera: Stabilization and Processing for The Cosmetics Beverage and Food Industries*. Aloe Industry and Technology Institute. Phoenix. USA.
- Nazir, Moh. (2003). *Metode Penelitian*. Ghalia Indonesia. Jakarta.
- Nihlatussania, S. (2012). *Keefektifan Insektisida Nabati dengan Dua Metode Ekstraksi yang Berbeda*. Bogor: IPB.
- Nugrahani, A. R. (2008). *Uji Penurunan Kadar Glukosa Darah Infusa Herba Daun Sendok (Plantago mayor L.) pada Kelinci Jantan yang Dibebani Glukosa*. Surakarta. UMS.
- Nugroho, A. E. (2006). *Hewan Percobaan Diabetes Mellitus: Patologi Dan Mekanisme Aksi Diabetogenik*. Biodiversitas, 378-382.
- Noor, A., Gunasekaran, S., Soosai Manickam, A., & Vijayalakshmi, M. A. (2008). *Antidiabetic Activity of Aloe vera and Histology of Organs in Streptozotocin-Induced Diabetic Rats*. Current science, 94(8), 1070-1076.
- Nuraliev, I. U. N., & Avezov, G. A. (1992). *The Efficacy of Quercetin in Alloxan Diabetes*. Eksperimental'naia i klinicheskaiia farmakologiiia, 55(1), 42.
- Pachanawan A, Pumkhachorn P, & Rattanachaikunsopon P. (2008). *Potential of Psidium guajava Supplemented Fish Diets in Controlling Aeromonas hydrophila Infection in Tilapia (Oreochromis niloticus)*. International Journal of Pharma and Bio Sciences, 106: 419–424.
- Pecere, T., Gazzola, M.V., Mucignat, C., Parolin, C., Vecchia, F.D., Cavaggioni, A., Basso, G., Diaspro, A., Salvato, B., Carli, M. & Palu, G. (2000). *Aloe-emodin is a new type of anticancer agent with selective activity against neuroectodermal tumor*. Cancer Res, 60: 2800–2804.
- Purwaningsih S., Salamah E., & Ayuningrat, E. (2008). *Penapisan awal komponen bioaktif dari kijing taiwan (Anadonta woodiana Lea.) sebagai senyawa antioksidan*. Buletin Teknologi Hasil Perikanan, 11(2): 119-132.

- Ressang A. A. (1963). *Patologi Khusus Veteriner*. Denpasar: Bali Cattle Disease.
- Rattan, S. I. S., Eskildsen-Helmond, Y. E. G., & Beedholm, R. (2004). *Molecular Mechanisms of Anti-Aging Hormetic Effects of Mild Heat Stress on Human Cells*. Biol Toxicol Med, 2(2): 105–16.
- Runiana, E. D. (2009). *Distribusi Sel Insulin Pankreas pada Tikus Hiperglikemia yang Diberi Diet Tempe*. Bogor: IPB.
- Schloithe, Ann C., Woods. C. M., & Saccone, Gino T. P. (1995). *An isolated rat pancreas preparation for studying pancreatic spinal mechano sensitive and chemosensitive afferent activity*. Department of Surgery. Flinders University. Adelaide, South Australia.
- Scoobi, Ian N. (2007). *Atlas of Diabetes Mellitus 3th*. Informa. UK Ltd.
- Setijono, M. M. (1985). *Mencit (Mus musculus) Sebagai Hewan Percobaan*. Bogor: Institut Pertanian Bogor.
- Sherwood, L. (2001). *Fisiologi Manusia: Dari Sel ke Sistem*. Ed ke-2. Diterjemahkan: Brahn U. Jakarta: Penerbit Buku Kedokteran EGC.
- Simanjuntak JW, Badjongga HT, Yulinah, & Andreanus AS. (2002). *Pengaruh Ekstrak Etanol Akar Pasak Bumi (Eurycoma longifolia jack) pada Organ Reproduksi, Testosteron dan Perilaku Seksual Tikus Sprague Dawley Jantan dan Mencit ddY Jantan*. Sekolah Farmasi. Bandung. ITB.
- Skinner, H. A. (1949). *The Origin of Medical Term*. The Williams and Wilkins. Baltimore.
- Slack, J. M. W. (1995). *Developmental Biology of The Pancreas*. ICRF Developmental Biology Unit, Department of Zoology, Oxford University, South Parks Road, UK.
- Squires, J. E. (2003). *Applied Animal Endocrinology*. UK: CABI Publishing.
- Szkudelski, T. (2001). *The Mechanism of Alloxan and Streptozotocin Action in B Cells of The Rat Pancreas*. Physiological Research, 50(6), 537-546.
- Tjokroprawiro, A. (2001). *Diabetes Melitus, Klasifikasi, Diagnosa dan Terapi*. Gramedia Pustaka Utama.
- Utami, P & Tim Lentera. (2003). *Tanaman Obat untuk Mengatasi Diabetes Mellitus*. Cetakan Ketiga. Yogyakarta: PT. Agromedia.

- Vesal, M., Zal, F., & Vaseei, M. (2003). *Effects of Teucrium Polium on Oral Glucose Tolerance Test, Regeneration of Pancreatic Islets and Activity of Hepatic Glucokinase in Diabetic Rats*. Archives of Iranian Medicine, 6(1): 35-39.
- Voigt, R. (1994). *Buku Pelajaran Teknologi Farmasi*. Universitas Indonesia. Jakarta.
- Watkins D, Cooperstein SJ, & Lazarow. (2008). A. *Effect of alloxan on permeability of pancreatic islet tissue in vitro*.
- Widowati , W. (2008). *Potensi Antioksidan Sebagai Antidiabetes*. JKM, 1-11.
- Widowati, L., Dzulkarnain, B., & Sa'roni. (1997). *Tanaman Obat untuk Diabetes Mellitus*. Cermin Dunia Kedokteran, 53-60.
- Winarto, A. (2007). *Pengaruh Minyak Buah Merah (Pandanus conoideus Lam.) Terhadap Gambaran Sel β Pankreas dan Efek Hipoglikemik Glibenklamid pada Tikus Jantan galur wistar Diabetik*. Fakultas Kedokteran Hewan. Bogor: IPB.
- Yagi, A. (1997). *Isolation and Characterization of The Glycoprotein Fraction with Aproliferation-Promoting Activity on Human and Hamster Cells In-Vitro from Aloe vera Gel*. Planta Medica, 63: 18-21.