

## DAFTAR PUSTAKA

Abdulazeez SS. Diabetes treatment : a rapid review of the current and future scope of stem cell research. *Saudi Pharmaceutical Journal*. 2015; 23: 333-340.

Aguirre JG, Balasubramanian P, Aguirre MG, Wei M, Madia F, Cheng CW, Hwang D, Montalvo AM, Saavedra J, Ingles S, Cabo Rd, Cohen P & Longo VD. Growth hormone receptor deficiency is associated with a major reduction in pro-aging signaling, cancer and diabetes in humans. *Sci Transl Med*. 2011; 3(70): 7-13.

Anonim. Freeze Drying Technology: for Better Quality & Flavor of Dried Product. *FOOD REVIEW INDONESIA*, 2013; 8(2): 54-56.

Biben HA. *Fitoestrogen: Khasiat Terhadap Sistem Reproduksi, Non Reprouksi dan Keamanan Penggunaannya*. Bandung : Univrsitas Padjajaran; 2012.

Carter EP, Fearon AE, Grasse P. Careless talk costs lives: fibroblast growth factor receptor signaling and the consequences of pathway malfunction. *Trends Cell Biol*. 2015; 25: 221-233.

Corwin, E.J. *Buku Saku patofisiologi* (Edisi 3). Jakarta: ECG; 2007.

Dewi IP. *Efek Fibroblast Growth Factor (FGF) dari Putih Telur Ayam Terfertilisasi pada Regenerasi Stem Sel untuk Perbaikan sel  $\beta$  Pankreas* (Tesis). Padang: Universitas Andalas; 2016.

Dianty DW. Uji efek pemberian kombinasi serbuk putih telur terfertilisasi dengan tepung tempe terhadap profil kadar glukosa darah dan histopatologi pankreas mencit. *Skripsi Sarjana Farmasi*. Padang: Universitas Andalas. 2017.

Dharma S, Macson J, Tobat JR, Dillasamolla D. Effect of giving egg whites chicken embryo and green beans (*Phaseolus radiates*) to histopathology of pancreatic  $\beta$  cell from diabetic rats. *Research Journal of Pharmaceutical, Biological and Chemical Science*. 2016; 7(1): 2059-2067.

Damjanov, I. *Histopatologi: Buku Teks dan Atlas Berwarna*. Jakarta: Widya Medika. 2000

Eswarakumar VP, Lax I, Schelessinger J. Cellular signaling by fibroblast growth factor receptors. *Cytokine Growth Factor Research*. 2005; 16: 139-149.

Fodor WL. Tissue engineering and cell based therapies, from bench to the clinic : The potencial to replace, repair, and regenerate. *Reproductive Biology and Endocrinology*. 2003; 1: 102.

Gaidhani KA, Halwalkar M, Bhambere D, Nirgude PV. Lypophilization/ freeze drying-A review. *World Journal Pharmaceutical Research*. 2015; 4(8): 522.

Ganong, WF. *Fisiologi Kedokteran*. Jakarta: Penerbit Buku Kedokteran EGC, 2003.

Ghule AE, Jadhav SS, Bodhankar SL. Effect of ehanolic extract of seeds of *Linum usitatissimum* (Linn.) in hyperglycaemia associated ROS production in PBMNCs and pancreatic tissue of alloxan induced diabetic rats. *Asian Pasific Journal of Tropical Desease*. 2012; 405-410.

Gutte KB, Sahoo AK, Ranveer RC. Bioactive components of flaxseed and its health benefits – Review article. *International Journal Pharmacy Review and Research*. 2015; 09: 42-51.

Guyton AC. *Buku Ajar Fisiologi Kedokteran* (Edisi 9). Jakarta : Penerbit Buku Kedokteran EGC; 1997.

Guyton, AC, Hall, JE. *Textbook of Medicinal Physiology (11th Ed)*. Philadelphia: Elsevier Inc, 2006.

Halim D, Murti H, Sandra F, Boediono A, Djuwantono T, Setiawan B. *Stem Cell-Dasar Teori & Aplikasi Klinis*. Jakarta : Erlangga; 2010.

Hall LM, Booker H, Jhala AJ, Weselake RJ. *Flaxseed (Linum usitatissimum L.): Industrial Oil Crops Ed I*. Canada : Departement of Agricultural, Food , Nutritional Science University of Alberta; 2016: 157-194.

Haugsten EM, Wiedlocha A, Olsnes S, Wesche J. Roles of fibroblast growth factor receptors in carcinogenesis. *Mol Cancer Res*. 2010; 11: 1439-1452.

Hebert JM. FGFs : Neurodevelopment's jack-of-all-trades-how do they it?. *Frontiers in Neuroscience*. 2011; 5 : 1-10.

Hosseinian FS, Muir AD, Westcott ND, Krol ES. AAPH-mediated antioxidant reactions of secoisolariciresinol and SDG. *The Royal Society of Chemistry*. 2007; 5: 644-654.

Katno PS. *Tingkat manfaat dan keamanan tanaman obat dan obat tradisional*. Balai Penelitian Obat Tawangmangu, Fakultas Farmasi Universitas Gajah Mada [press release]. Yogyakarta: Fakultas Farmasi UGM. 2009.

Koswara S. *Teknologi Pengolahan Telur (Teori dan Praktek)*; 2009. Diakses pada tanggal 17 November 2017 dari <http://ebookpangan.com>.

Lenzen S. The mechanism of alloxan and streptozocin induced diabetes. *Diabetologia*. 2008; 51: 216-226.

Mescher LA. *Histologi Dasar JANQUEIRA Teks dan Atlas* (Edisi 12). Jakarta: Penerbit Buku Kedokteran EGC; 2011.

Mescher LA. *JANQUEIRA'S Basic Histology Text and Atlas* (14<sup>th</sup> edition). New York: Mc Graw Hill; 2016.

Moree SS, Kavishanka GB, Rajesha J. Antidiabetic effect of secoisolariciresinol diglucoside in streptozotocin – induced diabetic rats. *Phytomedicine*. 2013; 20: 237-245.

Nozkova J, Pavelek M, Bjelkova M, Brutch N, Tejklova E, Porokhvinova E, Brindza J. *Descriptor List For Flax Linum usitatissimum L*. Slovakia : Slovak University o Agriculture in Nitra; 2016.

Prasad K. Secoisolariciresinol diglucoside from flaxseed delays the development of type 2 diabetes in Zucker rat. *J Lab Clin Med*. Canada : Department of Physiology, College of Medicine, University of Saskatchewan. 2001;138 No 1.

Price SA, Wilson LM. *Patofisiologi (Edisi 6)*. Jakarta : Penerbit Buku kedokteran EGC, 2006.

Priyanto. *Farmakologi Dasar untuk Mahasiswa Farmasi & Keperawatan*. Jakarta: Lembaga Studin dan Konsultasi Farmakologi (Leskonfi); 2008.

Stasevich OV, Mikhalenok SG, Kurchenko VP. Selection of optimal condition for separating lignan-containing extract from oil flaxseed by thin-layer chromatography. *Pharmaceutical Chemistry Jaournal*. 2009; 43(7); 41-43.

Suherman SK. *Insulin dan Antidiabetic Oral Farmakologi dan Terapi*. Jakarta: Universitas Indonesia; 2007.

Teven CM, Farina EM, Rivas J, Reid RR. Fibroblast growth factor (FGF) signaling in development and skeletal diseases. *Genes & Deseases*. 2014; 1: 199-213.

Thisse B, and Thisse C. Function and regulation of fibroblast growth factor signaling during embryonic development. *Dev boil*. 2005; (287); 390-402.

Wang Y, Fofana B, Roy M, Ghose K, Yao XH, Nixon MS, Nair S, Nyomba GBL. Flaxseed lignan secoisolariciresinol diglucoside improves insulin sensitivity through upregulation of GLUT4 expression in diet-induced obese mice. *Journal of Functional Food*. 2015; 18: 1-9.

Wesche J, Haglund K, Haugsten EM. Fibroblast growth factor and their receptors in cancer. *Biochemisry Journal*. 2011; 437(2): 199-213.

WHO 2016. *Diabetes*, WHO Media Centre. Diakses pada 10 November 2017 dari [www.who.int/mediacentre/factsheet/fs312/en/](http://www.who.int/mediacentre/factsheet/fs312/en/).

Zhang ZS, Li D, Wang LJ, Ozkan L, Chen XD, Mao ZH, Yang HZ. Optimization of ethanol – water extraction of lignans from flaxseed. *Separation and Purification Tecnology*. 2007; 57: 17-24.

