

DAFTAR PUSTAKA

- Agarwala, G. C., 2005, *Short Textbook of Physiology*. Academa. Newkatra.
- American Diabetes Association (ADA), 2013, *Nephropathy in Diabetes* (position statement). *Diabetes Care*.
- _____, 2011, *Nephropathy in Diabetes* (position statement). *Diabetes Care*.
- Bijanti, R. 2009. *Bahan Ajar Patologi Klinik Veteriner, Kimia Klinik Veteriner*. Edisi Pertama. Departemen Kedokteran Dasar Veteriner.
- Chaturvedi, N., 2007, The Burden Of Diabetes And Its Complications: Trends And Implications For Intervention. *Diabetes Res Clin Pract*, 76(3):S3-S12.
- Chen, P., Kuo, W., Chiang, C., Chiou, H., Hsieh, Y. dan Chu, S., 2006, Black rice anthocyanins inhibit cancer cells invasion via repressions of MMPs and u-PA expression, *Elsevier*, vol.163, pp 218-229.
- Choi, M.J., Kim .Y.H. dan Cho. E. J., 2012, Anti-aging Effect of black rice againts H₂O₂-induced premature senescence, *Journal Of Medical Plants Research*, Korea, vol.6 (20),pp 3672-3680.
- Chougale, A. D., Panaskar, S. N., Gurao, P.M. dan Arvindekar, A.U., 2007, Optimization Of Alloxan Dose is Essential To Induce Stable Diabetes For Prolonged Period. *Asian Journal of Biochemistry* 2 (6): 402-408.
- Cicero, A.F.G. dan Derosa. G., 2005, Rice Brans And Its Main Componenst: Potential Role In Management Of Coronary Risk Factors, *Nutraceutical Research Vol 3*, no. 1, pp 29-46, Italy.
- Cooper, M.E., 2001, Gilobert RE: *Pathogenesis, Prevention, And Treatment Of Diabetic Nephropathy*, in johnson RJ et al (Eds): Comprehensive Clinical Nephrology, 2nd ed. St. Louis: Mosby; p.439.
- Diez, B.G., 2003, Progression of Chronic Renal Failure and Oxidative Stress, *Electron J Biomed*; 1(1):5-11.
- Dwinani, S.N., 2014, Kemampuan Ekstrak Etanol beras hitam dalam menurunkan kadar glukosa darah pada tikus nefropati diabetes, *skripsi*, Surakarta: Universitas Muhammadiyah Surakarta.
- Giacco, F. dan Brownlee, M., 2010, Oxidative Stress and Diabetic Complications, *artikel*, 107: 1058-1070.

- Guyton, A.C. dan Hall, J.E., 1997, *Fisiologi Kedokteran, Edisi 9*, CV. ECG Penerbit, Buku Kedokteran, Jakarta, 417-430.
- Ha, H., dan Lee, H.B., 2001, Oxidative Stress In Diabetic Nephropathy: Basic and Clinical Information, *Current Diabetes Report*, Dec; 1(3): 282-7.
- Hakim, V.P. dan Ayustaningwarno, F., 2003, Analisis Aktivitas Antioksidan, Kandungan Zat Gizi Makro Dan Mikro Snack Bar Beras Warna Sebagai Makanan Selingan Penderita Nefropati Diabetik, *Journal of Nutrition*. Vol.2, No.4.
- Hendromartono, 2009, *Nefropati Diabetik*, dalam Buku Ajar Ilmu Penyakit Dalam jilid III edisi V, Interna Publishing, Jakarta.
- Hu, C., Zawistowski, J., Ling, W. dan Kitts, D.D., 2003, Black Rice (*Oryza sativa L. indica*) Pigmented Fraction Suppresses both Reactive Oxygen Species and Nitric Oxide in Chemical and Biological Model Systems, *J. Agric. Food Chem*, 51 (18), pp 5271–5277.
- Ichikawa, H., Ichiyanagi, T., Xu, B., Yoshii, Y., Nakajima, M. dan Konishi T., 2004, Antioxidant Activity of Anthocyanin Extract from Purple Black Rice, *Journal of Medical Food*, Vol. 4, Issue 4:July 7.
- Iqbal, M., Kalsoom dan Jafri S.A., 2011, Effect Of Punica Granatum Flowers Extract on Hypercholesterolemic and Alloxan Induced Diabetic Rats, *Global Journal Biotechnology and Biochemistry* (2):83-86.
- Jayaprakasam, B., Vareed, S.K., Olson, L.K. dan Nair, M.G., 2005, Insulin secretion by Bioactive Anthocyanins and Anthocyanidins Present in Fruit, *J. Agric. Food Chem*, 53 (1), pp.28-31.
- Kaneda, I., Kubo. F. dan Sakurai, H., 2006, Antioxidative Compounds in the Extracts of Black Rice Brans, *Journal of Health Science*, 52(5) 495-511, jepang.
- Kong, S. dan Lee, J., 2010, Antioxidants in Milling Fractions of Black Rice Cultivars, *Elsevier*, vol 120, issue 1, pp 278-281.
- Lee, H. B., Ha, H. dan King, G.L., 2003, Reactive oxygen Species and Diabetic Nephropathy, *J Am Soc of nephrology*, vol.14: S209-S210.
- Lee, S.M., Lee, J.S., Kong, S.H. dan Choi, Y.M., 2008, Antioxidant Compounds and Antioxidant Activities of the Methanolic Extracts from Milling Fractions of Black Rice, *Food And Agriculture Organization of The United Nations*.

- Ling, J., Kang, M.K., Kim, J.K., Kim, J.L., Kang, S.W., Lim, S.S. *et al.*, 2012, Purple Corn Anthocyanin Retards Diabetes-Associated Glomerulosclerosis in Mesangial Cells and db/db mice, *Eur J Nutr* (2012) 51:961-973.
- Maharani, E., Yuslia, S., Wilujeng, D.T., Gahari, R.S. dan Yuliana A., 2011, "Beckham" Bekatul Ice Cream Multivarian Solusi Prospektif Produk Samping Padat Gizi, *Jurnal Saintifika Gadjah Mada*, Yogyakarta: Universitas Gadjah Mada.
- Martini., Endang N.W. dan Mutalazimah., 2010, Hubungan Tingkat Asupan Protein dengan Kadar Ureum dan Kreatinin Darah pada Penderita Gagal Ginjal Kronik di RSUD Dr. Moewardi Surakarta. *Jurnal kesehatan*, Vol.3, No. 1 :19-26.
- Miller, L. A., 1996, Antioksidan Flavonoid: Structure Function and Clinical Usage, *Alternative Medicine Review*, 1(2), 103-111.
- Nam, H., Choi, S. P., Kang, M.Y., Nobuyuki K. dan Friedman, M., 2004, Antioxidative, Antimutagenic, and Anticarcinogenic Activities of Rice Bran Extracts in Chemical and Cell Assays, *the interdiscipillary research program of the korea science and Engineering Foundation*.
- Nontasana, Moongngarma dan Deeseenthumb, 2012, Application of Functional Colorant Prepared from Black Rice Bran in Yogurt, *Elsevier*, Procedia 2 (2012) 62–67.
- Nuttal, S.L., Dunne, F., Kendal, M.J., dan Martin, U., 1999, Age-Independent Oxidative Stress In Elderly Patients With Non-Insulin Dependent Diabetes Mellitus, *Q J Med*, 92: 33-8.
- Paget, G., 1970, *Methods in Toxicology*, Blackwell Scientific Publications Oxford and Edinburg, England.
- Park, S.Y., Kim, S dan Chang, H, 2008, Isolation of Anthocyanin from Black Rice (Heugjinjubyeo) and Screening of its Antioxidant Activities, *Kor. J. Microbiol. Biotechnol*, vol. 36, No. 1, 55-60
- Probosari, E., 2013, Faktor Resiko Gagal Ginjal pada Diabetes Melitus. *Journal of Nutrition And Health*.Vol.1, No.1
- Roesli, R., 2007, Cara Yang Mudah Dan Terpercaya untuk Menegakkan Diagnosis Dan Memprediksi Prognosis Gagal Ginjal Acute dan Hipertensi, *The Indonesian Jurnal of Nephrology & Hypertension*, 7 (1)
- Rubenstein, D., Wayne, D. dan Brodley, J., 2008, *Lecture Notes Kedokteran Klinis Edisi Keenam*, diterjemahkan oleh Rahmalia, A., Erlangga.

- Ryan, E.P., 2011, Bioactive Food Components and Health Properties of Rice Bran. *Vet Med Today: Timely Topics in: Nutrition JAVMA*, Vol 238, No. 5.
- Sheerwood, L., 2001, *Fisiologi Manusia Dari Sel Ke Sistem*, alih bahasa Brahm, U., Penerbit buku kedokteran EGC, Jakarta.
- Suarsana, I. N., Priosoeryanto B.P. dan Wresdiyanti. T., 2013, Profil Glukosa Darah dan Ultrastruktur Sel Beta Pankreas Tikus yang Diinduksi Senyawa Aloksan, *JITV vol.15*, No.2 :118-123, Bali.
- Subroto, MA., 2006, *Ramuan Herbal Untuk Diabetes Melitus*, Jakarta, Penebar Swadaya, pp: 3; 6-8.
- Sulandi, A., 2014, Aktivitas Antioksidan Ekstrak Kloroform Buah Lakum (*Cayratia trifolia*) dengan Metode DPPH (2,2-Difenil-1-Pikrilhidrazil), *naskah publikasi*, vol.1, No. 1.
- Suryani, N., Endang, T. H. dan Aulanni'am, 2013, Pengaruh Ekstrak Metanol Biji Mahoni terhadap Peningkatan Kadar Insulin, Penurunan Ekspresi TNF- α dan Perbaikan Jaringan Pankreas Tikus Diabetes, *Jurnal Kedokteran Brawijaya*. Vol.27, No.3, Februari 2013.
- Sutharut, J. dan Sudarat. J., 2012, Total Anthocyanin Content And Antioxidant Activity Of Germinated Colored Rice. *Internasional Food Research Journal*; Thailand.
- Suzuki, M., Kimura, T., Yamagishi, K., Shinmoto, H. dan Yamaki, K., 2004, Comparison of Mineral Contents in 8 Cultivars of Pigmented Brown Rice. *Nippanshukuhin Kagaku Kagaku Kaishi*, 51(8), 424-427.
- Szkudelski, T., 2001, The Mechanism of Alloxan and Streptozotocin Action in B Cells of the Rats Pancreas. *Physiol Res.* 50(6):537-46.
- Ueno, Y., Kizaki, M., Nakagiri, R., Kamiya, T., Sumi, H. dan Osawa, T., 2002, Dietary Gluthatione Protects Rats From Diabetic Nephropathy Andneuropathy. *J Nutr*, 2002; 132:897-900.
- Wahyono, D., Hakim, A.R. dan Nugroho, A. E., 2007. Profil Farmakokinetika Sulfasemid Pada Tikus Gagal Ginjal Karena Induksi Uranil Nitrat. *Majalah Farmasi Indonesia*, Yogyakarta: Universitas Gadjah Mada.
- Walde, S.S., Dohle, C., Schott-Ohly, P. dan Gleichmann, H., 2002, Molecular Target Structures In Alloxan-Induced Diabetes In Mice. *Life Sci*, US National, 71(14):1681-94.

- Wang, H., Cao, G. dan Prior. R.L., 1997, Oxygen Radical Absorbing Capacity of Anthocyanins, *J. Agric. Food Chem.*, 45(2), pp 304-309.
- Wardani, R.K., 2010, Perbandingan Efek Hipoglikemik Bekatul Beras Hitam Dengan Metformin Pada Mencit BALB/C Yang Diinduksi Streptozotosin, *Thesis*. Surakarta: Universitas Sebelas Maret.
- Waspadji, S., 2009, *Komplikasi Kronik Diabetes: Mekanisme Terjadinya, Diagnosis, dan Strategi Pengelolaan*, dalam Buku Ajar Ilmu Penyakit Dalam jilid III edisi V, Interna Publishing, Jakarta.
- Widarta, I.W.R., Nocianitri, K.A. dan Sari, L.P.I.P., 2013, Ekstraksi Komponen Bioaktif Bekatul Beras Lokal dengan Beberapa Jenis Pelarut, *Jurnal Aplikasi Teknologi Pangan*, Vol. 2 No. 2. Hal-75.
- Wulandari, A. D., Chasani. S. dan Ismail, A., 2012, Hubungan Dislipidemia Dengan Kadar Ureum Dan Kreatinin Darah Pada Penderita Nefropati Diabetik, *Thesis*. Semarang: Universitas Diponegoro,.
- Wyss, M. dan Kaddurah-Daouk. R., 2000, Creatin And Creatinine Metabolism, *Physiological Reviews* Vol. 80, No. 3, Printed In U.S.A.
- Yawadio. R., Tanimori, S. dan Morita, N., 2007, Identification Of Phenolic Compounds Isolated From Pigmented Rices And Their Aldose Reductase Inhibitory Activities, *Food Chemistry*, 101 (4), 1616-1625.
- Zhang, M.V., Zhang R.F., Zhang, F.X. dan Liu, R.H., 2010, Phenolic profiles and antioxidant activity of black rice bran of different commercially available varieties. *J Agric Food Chem.* 2010 Jul 14;58(13):7580-7.