

DAFTAR PUSTAKA

- American Diabetes Association, 2010, Diagnosis And Classification Of Diabetes Mellitus, *Diabetes Care*, 34
- Ansel, 1989, *Pengantar Bentuk Sediaan Farmasi*, Universitas Indonesia Press, Jakarta.
- Bagchi D. and Sreejayan N., 2012, *Nutritional and Therapeutic Interventions for Diabetes and Metabolic Syndrome*, Academic Press, Salt Lake City.
- Cheng H., 2008, A cell-based screening identifies compounds from the stem of *Momordica charantia* that overcome insulin resistance and activate AMP-activated protein kinase, *J Agric Food Chem*, 56 (16)
- Chowdhury A.Z., Hossain M.I., Hossain S., Ahmed S., Afrin T. and Karim N., 2012, Antidiabetic Effects of *Momordica Charantia* (Karela) in Male long Evans Rat, *Journal of Advanced Laboratory Research in Biology*, III (III), 175–180.
- Depkes R., 2005, *Pharmaceutical Care Untuk Penyakit Diabetes Mellitus*, Direktorat Bina Farmasi Komunitas Dan Klinik, Jakarta.
- Desai S. and Tatke P., 2015, Charantin: An Important Lead Compound From *Momordica Charantia* for the Treatment of Diabetes, *Journal of Pharmacognosy and Phytochemistry*, 3 (6), 163–166.
- Detalle, B G., C C. and Al. E., 2005, Metformin prevents high glucose induced endothelial cell deaths through a mitochondrial permeability transition dependent process, *Diabetes*, 57
- Dor, 2005, Adult Pancreatic β are Performed by Cell Duplication Rather than Stem Cell Differentiation. *Nature*, , 429.
- Dumitriu, Gurzu B., Cojocaru E., Slatineanu S.M. and Enea M., 2011, Validation of GOD / PAP method for quantitative determination of glucose concentration in human serum, *University of Medicine and Pharmacy*, 19, 85–100.
- Farnsworth, 1966, *Biological and Phytochemical Screening of Plants*, Pharmaceutical Science.
- Fernandes N.P.C., Lagishetty C. V, Panda V.S. and Naik S.R., 2007, An experimental evaluation of the antidiabetic and antilipidemic properties of a standardized *Momordica charantia* fruit extract, , 8, 1–8.

- Foretz M. and Viollet B., 2011, Regulation of hepatic metabolism by AMPK, *J Hepatol*, 54, 827–829.
- Gong L., Goswamic S., Giacomini K.M., Altman R.B. and Kleina T.E., 2012, Metformin pathways: pharmacokinetics and pharmacodynamics, *Pharmacogenet Genomics*, 22 (11), 820–827.
- Gregg E., Y L., J W., NR B., MK A. and Rolka D et al, 2014, Changes in Diabetes-Related Complications in the United States, 1990–2010, *N Engl J Med*, 23, 370–1514.
- Harborne J.B., 1996, *Metode Fitokimia Penuntun Cara Modern Menganalisis Tumbuhan*, Padmawinata, K. & Soediro, eds., ITB, Bandung.
- Hargono J., 1986, *Efek samping obat dari bahan alam lebih kecil daripada efek samping obat kimia murni*, Cermin Dunia Farmasi.
- Johnson and Delaney, 1996, *Exotic Animal Companion Medicine Handbook for Veterinarians*, Zoological Educational Network.
- Joseph B. and Jini D., 2013, Antidiabetic Effects of *Momordica charantia* (Bitter Melon) and Its Medicinal Potency, *Asian Pacific Journal of Tropical Disease*, 3 (2)
- Katno, 2008, *Tingkat Manfaat Keamanan dan Efektifitas Tanaman Obat dan Obat Tradisional*, Prapti, Y. I. et al., eds., Departemen Kesehatan RI, Jakarta.
- Kemenkes, 2014, *Situasi dan Analisis Diabetes*, , 1–7.
- Kholifah, 2014, *Uji aktivitas ekstrak etanol dan ekstrak air buah pare (Momordica charantia L) terhadap daya hambat pertumbuhan bakteri Edwardsiella tarda penyebab penyakit Edwardsiellosis pada ikan.*, Universitas Islam Negeri Maulana Malik Ibrahim.
- Kumar D.S., Sharathnath K.V., Yogeswaran P., Harani A., Sudhakar K., Sudha P. and Banji D., 2010, A Medical Potency Of *Momordica Charantia*, *International Journal of Pharmaceutical Sciences Review and Research*, 1 (2), 95–100.
- Lenzen S., 2007, Alloxan and Streptozotocin Diabetes, *Endokrinologi*, 119–138.
- Markham K.R., 1988, *Cara mengidentifikasi flavonoid*, ITB, Bandung.
- Mohammady I., Elattar S., Mohammed S. and Ewais M., 2012, An Evaluation of Anti-Diabetic and Anti-Lipidemic Properties of *Momordica charantia* (Bitter Melon) Fruit Extract in Experimentally Induced Diabetes, *Life Science Journal*, 9 (2), 363–374.

- Muhlisah F., 2007, *Tanaman Obat Keluarga (TOGA)*, PT. Seri Agri Sehat, Jakarta.
- Ndraha S., 2014, Diabetes Melitus Tipe 2 Dan Tatalaksana Terkini, *Medicinus*, 27 (2), 9–16.
- Nugroho A., 2006, Hewan Percobaan Diabetes Mellitus: Patologi Dan Mekanisme Aksi Diabetogenik, *Biodiversitas*, 7 (4), 378–382.
- Paul A. and Raychaudhuri S., 2010, Medicinal uses and molecular identification of two *Momordica charantia* varieties, *E J Biol*, 6 (2), 43–51.
- Perkeni, 2011, Konsensus Pengelolaan dan Pencegahan Diabetes Melitus Tipe 2 di Indonesia, www.perkeni.org
- Perry R.H. and Green D., 1999, *Perry's Chemical Engineer's Handbook*, 7th ed., McGraw-Hill Book Company., New York.
- Robinson T., 1995, *Kandungan Organik Tumbuhan Tingkat Tinggi*, Padmawinata, K., ed., ITB Press, Bandung.
- Ruhe R. and McDonald R., 2001, Use of antioxidant nutrient in the prevention and treatment of type 2 diabetes, *J. Am. Coll. Nutr*, 20 (5), 363–369.
- Setiawati F., 2012, *Uji Efek Ekstrak Etanol 70% Buah Pare (Momordica charantia L.) Terhadap Kadar Glukosa Darah Tikus Putih Jantan Galur Wistar Yang Diinduksi Aloksan.*, Universitas Muhammadiyah Surakarta.
- Shih C.C., Lin C.H., Lin W.L. and Wu J.B., 2009, . *Momordica charantia* Extract on Insulin Resistance and The Skeletal Muscle GLUT4 Protein in Fructose-fed Rats, *Ethnopharmacol*, 123 (1), 82–90.
- Subahar, 2004, *Khasiat dan Manfaat Pare*, Agromedia Pustaka, Jakarta.
- Suharmiati, 2003, Pengujian Bioaktivitas Anti Diabetes Mellitus Tumbuhan Obat, *Cermin Dunia Kedokteran*, 14, 140–146.
- Szkudelski T., 2001, The Mechanism of Alloxan and Streptozotocin Action in B Cells of the Rat Pancreas, *Physiological Research*, 50, 537–545.
- Tachibana Y., Kikuzaki H., Lajis N.H. and Nakatani N., 2001, Anti Oxidative Activity of Carbazoles from *Murraya koenigii* Leaves, *J. Food Chem*, 49, 5589– 5594.
- Wagner H. and Bladt S., 1996, *Plant Drug Analysis-A Thin Layer Chromatography Atlas*, 2nd ed., Springer, German.
- WHO, 2011, <http://www.who.int/mediacentre/factsheets/fs312/en/index.html>

Widowati L., Dzulkarnain B. and Sa'roni, 1997, Tanaman Obat Untuk Diabetes Mellitus, *Cermin Dunia Kedokteran*, 116

Yuda I.K.A., Anthara M.S. and Dharmayudha A.A.G.O., 2013, Identifikasi golongan senyawa kimia estrak etanol buah pare (*Momordica charantia*) dan pengaruhnya terhadap penurunan kadar glukosa darah tikus putih jantan (*Rattus novergicus*) yang diinduksi aloksan, *Buletin Veteriner Udayana*, 5 (2), 87–95.