

DAFTAR PUSTAKA

- Aer, B. N., Wullur, A. C., & Citraningtyas, G. (2013). Uji Efek Ekstrak Etanol Kulit Terung Ungu (*Solanum melongena L.*) Terhadap Kadar Gula Darah pada Tikus Putih Jantan Galur Wistar (*Rattus norvegicus*). *Pharmacon*, 2, 135–141.
- Alexopoulos, A.-S., Qamar, A., Hutchins, K., Crowley, M. J., Batch, B. C., & Guyton, J. R. (2019). Triglycerides: Emerging Targets in Diabetes Care? Review of Moderate Hypertriglyceridemia in Diabetes. *Current Diabetes Reports*, 19. <https://doi.org/10.1007/s11892-019-1136-3>
- Amaliah, S., & Yuliawati, K. M. (2022). Studi Literatur Aktivitas Antioksidan Senyawa Antosianin dalam Ekstrak Bunga Telang (*Clitoria ternatea L.*) serta Aktivitas Farmakologinya terhadap Penyakit Diabetes Melitus. *Bandung Conference Series: Pharmacy*, 2(2), Article 2. <https://doi.org/10.29313/bcsp.v2i2.4678>
- Andrie, M., Taurina, W., & Ayunda, R. (2015). Activities Test of “Jamu Gendong Kunyit Asam” (*Curcuma Domestica Val.*; *Tamarindus Indica L.*) As an Antidiabetic in Streptozotocin-Induced Rats. *Current Opinion in Organ Transplantation*, 19, 95–102. <https://doi.org/10.22146/tradmedj.8147>
- Anindito, A. A., Mustofa, S., & Susantiningsih, T. (2014). Pengaruh Pemberian Ekstrak Etanol 95% Cabe Jawa (*Piper retrofractum Vahl.*) terhadap Kadar Kolesterol Total dan Trigliserida pada Tikus Putih Jantan (*Rattus novergicus*) Galur *Sprague dawley* yang Diberikan Diet Tinggi Lemak. *Jurnal Majority*, 3. <https://juke.kedokteran.unila.ac.id/index.php/majority/article/view/189>

- Bahiru, E., Hsiao, R., Phillipson, D., & Watson, K. E. (2021). Mechanisms and Treatment of Dyslipidemia in Diabetes. *Current Cardiology Reports*, 23. <https://doi.org/10.1007/s11886-021-01455-w>
- Beeton, C., Garcia, A., & Chandy, K. G. (2007). Drawing Blood from Rats through the Saphenous Vein and by Cardiac Puncture. *Journal of Visualized Experiments*. <https://doi.org/10.3791/266>
- Browning, H., & Veit, W. (2021). Freedom and Animal Welfare. *Animals*, 11, 1148. <https://doi.org/10.3390/ani11041148>
- Danthy, R., Rakanita, Y., & Mulyani, S. (2019). Uji Efek Ekstrak Etanol Kulit Terung Ungu Terhadap Kadar Glukosa Darah Tikus Hiperkolesterolemia-Diabetes. *Farmakologika Jurnal Farmasi*, XVI, 103–115.
- Díaz, L., Zambrano-González, E., Flores, M. E., Contreras, M., Crispín, J. C., Alemán, G., Bravo, C., Armenta-Espinosa, A., Valdés, V. J., Tovar, A., Gamba, G., Barrios-Payán, J., & Bobadilla, N. A. (2020). Ethical Considerations in Animal Research: The Principle of 3Rs. *Revista de investigacion clinica*, 73. <https://doi.org/10.24875/ric.20000380>
- Duran, E. K., & Pradhan, A. D. (2021). Triglyceride-Rich Lipoprotein Remnants and Cardiovascular Disease. *Clinical Chemistry*, 67(1), 183–196. <https://doi.org/10.1093/clinchem/hvaa296>
- Elekofehinti, O. O., Omotuyi, I. O., Kamdem, J. P., Ejelonu, O. C., Alves, G. V., Adanlawo, I. G., & Rocha, J. B. T. (2014). Saponin as regulator of biofuel: Implication for ethnobotanical management of diabetes. *Journal of Physiology and Biochemistry*, 70(2), 555–567. <https://doi.org/10.1007/s13105-014-0325-4>

- Elizalde-Romero, C. A., Montoya-Inzunza, L. A., Contreras-Angulo, L. A., Heredia, J. B., & Gutiérrez-Grijalva, E. P. (2021). Solanum Fruits: Phytochemicals, Bioaccessibility and Bioavailability, and Their Relationship With Their Health-Promoting Effects. *Frontiers in Nutrition*, 8. <https://doi.org/10.3389/fnut.2021.790582>
- ElSayed, N. A., Aleppo, G., Aroda, V. R., Bannuru, R. R., Brown, F. M., Bruemmer, D., Collins, B. S., Hilliard, M. E., Isaacs, D., Johnson, E. L., Kahan, S., Khunti, K., Leon, J., Lyons, S. K., Perry, M. L., Prahalad, P., Pratley, R. E., Seley, J. J., Stanton, R. C., & Gabbay, R. A. (2022). Classification and diagnosis of diabetes: Standards of care in diabetes. *Diabetes Care*, 46, S19–S40. <https://doi.org/10.2337/dc23-s002>
- Fajriana, H., Farmawati, A., & Lestari, L. A. (2017). Antioxidant Effect of Purple Eggplant Flour (*Solanum melongena* L.) Against Oxidative Stress in Hyperglycaemic Rats. *Romanian Journal of Diabetes Nutrition and Metabolic Diseases*, 24(3), 247–254. <https://doi.org/10.1515/rjdnmd-2017-0030>
- Farmakope Herbal Indonesia* (II). (2017). Kementerian Kesehatan Republik Indonesia.
- Fauzy, A. (2019). *Metode Sampling* (2 ed.). Universitas Terbuka.
- Hardianto, D. (2021). Telaah Komprehensif Diabetes Melitus: Klasifikasi, Gejala, Diagnosis, Pencegahan, dan Pengobatan. *Jurnal Bioteknologi & Biosains Indonesia (JBBi)*, 7, 304–317. <https://doi.org/10.29122/jbbi.v7i2.4209>

- Hardisari, R., & Koiriyah, B. (2016). Gambaran Kadar Trigliserida (Metode Gpo-Pap) pada Sampel Serum dan Plasma EDTA. *Jurnal Teknologi Laboratorium*, 5, 27–31.
- Hartz, J. C., de Ferranti, S., & Gidding, S. (2018). Hypertriglyceridemia in Diabetes Mellitus: Implications for Pediatric Care. *Journal of the Endocrine Society*, 2, 497–512. <https://doi.org/10.1210/js.2018-00079>
- Henning, R. J. (2018). Type-2 diabetes mellitus and cardiovascular disease. *Future Cardiology*, 14, 491–509. <https://doi.org/10.2217/fca-2018-0045>
- Hua, H., Yang, J., Lin, H., Xi, Y., Dai, M., Xu, G., Wang, F., Liu, L., Zhao, T., Huang, J., Gonzalez, F. J., & Liu, A. (2018). PPAR α -independent action against metabolic syndrome development by fibrates is mediated by inhibition of STAT3 signalling. *Journal of Pharmacy and Pharmacology*, 70, 1630–1642. <https://doi.org/10.1111/jphp.13014>
- Hujjatusnaini, N., Ardiansyah, Indah, B., Alfitri, E., & Widyastuti, R. (2021). *Buku Referensi Ekstraksi*. Institut Agama Islam Negeri Palangkaraya.
- Husna, F., Suyatna, F. D., Arozal, W., & Purwaningsih, E. H. (2019). Model Hewan Coba pada Penelitian Diabetes. *Pharmaceutical Sciences and Research*, 6. <https://doi.org/10.7454/psr.v6i3.4531>
- IDF. (2021). *IDF Diabetes Atlas* (10 ed.). International Diabetes Federation.
- Ighodaro, O. M., Adeosun, A. M., & Akinloye, O. A. (2017). Alloxan-induced diabetes, a common model for evaluating the glycemic-control potential of therapeutic compounds and plants extracts in experimental studies. *Medicina*, 53, 365–374. <https://doi.org/10.1016/j.medici.2018.02.001>

- Irawan, Y., & Wahyuningsih, R. (2018). Pengaruh Pemberian Ekstrak Etanol Daun Belimbing Wuluh (<I>Averrhoa bilimbi L.</I>) Terhadap Kadar Trigliserida pada Tikus Putih Betina (<I>Rattus norvegicus</I>). *Jurnal Borneo Cendekia*, 2, 157–163.
- Irdalisa, Safrida, Khairil, Abdullah, A., & Sabri, M. (2015). Profil Kadar Glukosa Darah pada Tikus Setelah Penyuntikan Aloksan Sebagai Hewan Model Hiperglikemik. *Jurnal Edubio Tropika*, 3. <https://jurnal.usk.ac.id/JET/article/view/5272>
- ITIS. (2023a). *Report: Rattus norvegicus*. Integrated Taxonomic Information System. https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=180363&print_version=SCR&source=from_print#null
- ITIS. (2023b). *Report: Solanum melongena*. Integrated Taxonomic Information System. https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=30446#null
- Jameson, J. L. (2017). *Harrison's Endocrinology* (D. L. Kasper, S. L. Hauser, A. S. Fauci, D. L. Longo, & J. Loscalzo, Ed.; 4 ed.). Mcgraw-Hill Education.
- Jialal, I., & Singh, G. (2019). Management of diabetic dyslipidemia: An update. *World Journal of Diabetes*, 10, 280–290. <https://doi.org/10.4239/wjd.v10.i5.280>
- Kalt, W., Cassidy, A., Howard, L. R., Krikorian, R., Stull, A. J., Tremblay, F., & Zamora-Ros, R. (2019). Recent research on the health benefits of

- blueberries and their anthocyanins. *Advances in Nutrition*, 11. <https://doi.org/10.1093/advances/nmz065>
- Kementerian Kesehatan RI. (2020). *Infodatin Diabetes Melitus*. Pusat Data dan Informasi Kementerian Kesehatan RI.
- Khudiar, H. H., & Mehdy, S. S. (2023). Effects of Alcoholic Extracted and Dry Eggplant (*Solanum Melongena*) on Hyperlipidemia Treatment in Rats. *Kufa Journal For Veterinary Medical Sciences*, 14, 38–45. <https://doi.org/10.36326/kjvs/2023/v14i112070>
- Kottaisamy, C. P. D., Raj, D. S., Prasanth Kumar, V., & Sankaran, U. (2021). Experimental animal models for diabetes and its related complications—A review. *Laboratory Animal Research*, 37. <https://doi.org/10.1186/s42826-021-00101-4>
- Lazarte, J., & Hegele, R. A. (2020). Dyslipidemia Management in Adults With Diabetes. *Canadian Journal of Diabetes*, 44(1), 53–60. <https://doi.org/10.1016/j.cjcd.2019.07.003>
- Maryam, F., Utami, Y. P., Mus, S., & Rohana, R. (2023). Perbandingan Beberapa Metode Ekstraksi Ekstrak Etanol Daun Sawo Duren (*Chrysophyllum cainito* L.) Terhadap Kadar Flavanoid Total Menggunakan Metode Spektrofotometri UV-VIS. *Jurnal Mandala Pharmacom Indonesia*, 9, 132–138. <https://doi.org/10.35311/jmpi.v9i1.336>
- McCracken, E., Monaghan, M., & Sreenivasan, S. (2018). Pathophysiology of the metabolic syndrome. *Clinics in Dermatology*, 36, 14–20. <https://doi.org/10.1016/j.clindermatol.2017.09.004>

- Michille, Situmorang, S., & Hanida, W. (2022). Relationship Characteristics of Type 2 Diabetes Mellitus Patients with Lipid Profile at Royal Prima Hospital in 2021. *Jambura Journal of Health Sciences and Research*, 5, 42–50. <https://doi.org/10.35971/jjhsr.v5i1.16828>
- Millati, A., Bahar, Y., & Kusumawinakhyu, T. (2019). Pengaruh Sediaan Dekok Daun Zaitun (*Olea europaea* L.) terhadap Kadar Glukosa Darah pada Tikus Putih Galur Wistar (*Rattus norvegicus*) Galur Wistar Jantan yang Diinduksi Aloksan. *Herb-Medicine Journal*, 2, 20. <https://doi.org/10.30595/hmj.v2i2.4796>
- Minarsih, T. (2021). Perbedaan Kadar Trigliserida pada Sampel Plasma dan Serum Darah dengan Metode GPO PAP. *Indonesian Journal on Medical Science*, 8. <https://doi.org/10.55181/ijms.v8i1.257>
- Nizar, M., & Amelia, R. (2022). Hubungan Kadar Trigliserida Dengan Kadar Glukosa Pada Penderita Diabetes Melitus Tipe 2 di RS Krakatau Medika. *Journal of Medical Laboratory Research*, 1, 7–12.
- Nugroho, A. (2017). *Buku Ajar Teknologi Bahan Alam*. Lambung Mangkurat University Press. <https://www.researchgate.net/publication/337316223>
- Nugroho, S. W., Fauziyah, K. R., Sajuthi, D., & Darusman, H. S. (2018). Profil Tekanan Darah Normal Tikus Putih (*Rattus norvegicus*) Galur Wistar dan Sprague-Dawley. *Acta veterinaria indonesiana*, 6, 32–37. <https://doi.org/10.29244/avi.6.2.32-37>
- OECD. (2002). *Test No. 423: Acute Oral toxicity—Acute Toxic Class Method*. OECD Publishing. <https://doi.org/10.1787/9789264071001-en>

- PERKENI. (2021). *Pedoman Pengelolaan dan Pencegahan Diabetes Melitus Tipe 2 Dewasa di Indonesia*. PB. PERKENI.
- Petersmann, A., Müller-Wieland, D., Müller, U. A., Landgraf, R., Nauck, M., Freckmann, G., Heinemann, L., & Schleicher, E. (2019). Definition, Classification and Diagnosis of Diabetes Mellitus. *Experimental and Clinical Endocrinology & Diabetes*, 127, S1–S7. <https://doi.org/10.1055/a-1018-9078>
- Pinakesty, A., & Azizah, R. N. (2020). Correlation Between Lipid Profile with Type 2 Diabetes Mellitus Progression. *JIMKI: Jurnal Ilmiah Mahasiswa Kedokteran Indonesia*, 8, 66–72. <https://doi.org/10.53366/jimki.v8i2.131>
- Quintanilla, B. S., & Correa, R. (2023). *Gemfibrozil*. StatPearls Publishing. <https://www.ncbi.nlm.nih.gov/books/NBK545266/>
- Ranti, I., & Vickasari, N. (2022). The Effect of Ethanol Extract of Kersen Leaf (*Muntingia Calabura L.*) on Reducing Triglyceride Levels in Hypercholesterolemic Rats. *Bioscientia Medicina : Journal of Biomedicine and Translational Research*, 6, 1929–1935. <https://doi.org/10.37275/bsm.v6i6.534>
- Rodwell, V. W., Bender, D. A., Botham, K. M., Kennelly, P. J., & Weil, P. A. (2015). *Harper's Illustrated Biochemistry* (30 ed.). Mcgraw-Hill Education.
- Rosidah, & Mahmudah, M. (2017). Hubungan Kadar Gula Darah dengan Kenaikan Kadar Trigliserida pada Penderita Diabetes Mellitus di Klinik As Syifa Pucuk Lamongan. *Jurnal Sains*, 7, 48.

- Rózańska, D., & Regulska-Ilow, B. (2018). The significance of anthocyanins in the prevention and treatment of type 2 diabetes. *Advances in Clinical and Experimental Medicine*, 27, 135–142. <https://doi.org/10.17219/acem/64983>
- Shobirin, M. Y., Susantiningsih, T., & Wahyuni, A. (2014). Pengaruh Pemberian Minyak Zaitun dan Madu Terhadap Kadar Trigliserida pada Tikus Putih (*Rattus Novergicus*) Jantan Galur Sprague Dawley yang Diinduksi Diet Tinggi Lemak. *Jurnal Majority*, 3. <https://juke.kedokteran.unila.ac.id/index.php/majority/article/view/254>
- Sulardi, Hakim, T., Wasito, M., & Lubis, N. (2022). *Agribisnis budidaya tanaman terong ungu* (A. Rasyid, Ed.). PT Dewangga Energi Internasional.
- Tandi, J. (2016). Uji Efek Ekstrak Etanol Kulit Terung Ungu (*Solanum melongena* L.) Terhadap Penurunan Kadar Kolesterol Total dan Kadar Glukosa Darah Tikus Putih Jantan (*Rattus norvegicus*) Hiperkolesterolemia-Diabetes. *Indonesian Journal of Pharmaceutical Science and Technology*, V, 34–46.
- Wahyuwardani, S., Noor, S. M., & Bakrie, B. (2020). Animal Welfare Ethics in Research and Testing: Implementation and its Barrier. *Indonesian Bulletin of Animal and Veterinary Sciences*, 30, 211. <https://doi.org/10.14334/wartazoa.v30i4.2529>
- Wu, L., & Parhofer, K. G. (2014). Diabetic dyslipidemia. *Metabolism*, 63(12), 1469–1479. <https://doi.org/10.1016/j.metabol.2014.08.010>
- Yarmohammadi, F., Ghasemzadeh Rahbardar, M., & Hosseinzadeh, H. (2021). Effect of eggplant (*Solanum melongena*) on the metabolic syndrome: A

review. *Iranian journal of basic medical sciences*, 24, 420–427.
<https://doi.org/10.22038/ijbms.2021.50276.11452>

Yousri, N. A., Suhre, K., Yassin, E., Al-Shakaki, A., Robay, A., Elshafei, M., Chidiac, O., Hunt, S. C., Crystal, R. G., & Fakhro, K. A. (2021). Metabolic and Metabo-Clinical Signatures of Type 2 Diabetes, Obesity, Retinopathy, and Dyslipidemia. *Diabetes*, 71, 184–205. <https://doi.org/10.2337/db21-0490>

Yunita, L., Lalel, H., & Manongga, S. (2020). Pengaruh Diet Beras Hitam, Kacang Merah dan Daun Kelor (Betamelor) Terhadap Perubahan Berat Badan Tikus Sprague-Dawley. *Kupang Journal of Food and Nutrition Research*, 1, 30–35.

ZA, M. A. N. H., Gayatri, S. W., Pramono, S. D., Hidayati, P. H., & Syamsu, R. F. (2023). Hubungan antara Dislipidemia dengan Diabetes Melitus Tipe 2 di Rumah Sakit Ibnu Sina Makassar. *Fakumi Medical Journal: Jurnal Mahasiswa Kedokteran*, 2, 668–677.
<https://doi.org/10.33096/FMJ.V2I9.122>