

## DAFTAR PUSTAKA

- Adams, S. P., Alaeilkhchi, N., & Wright, J. M. (2023). *Simvastatin for lowering lipids*. *The Cochrane Database of Systematic Reviews*, 2023(2). <https://doi.org/10.1002/14651858.CD014857>
- Aer, B. N., Wullur, A. C., & Citraningtyas, G. (2013). Uji Efek Ekstrak Etanol Kulit Terung Unggu (*Solanum melongena* L.) Terhadap Kadar Gula Darah Pada Tikus Putih Jantan Galur Wistar (*Rattus norvegicus*). In *PHARMACON Jurnal Ilmiah Farmasi-UNSRAT* (Vol. 2, Issue 04).
- Alaydrus, S., & Rezky Priyanti Amara Pagal, F. (2020). Uji Efektivitas Ekstrak Etanol Biji Alpukat (*Persea americana* Mill.) terhadap Penurunan Kadar Kolesteroltotal Tikus Putih Jantan (*Rattus norvegicus*) Model Hiperkolesterolemia Diabetes. *J. Sains Kes.* 2020, 2(4). <https://doi.org/10.25026/jsk.v2i4.196>
- Al-Hajj, N. Q., Algabr, M., Sharif, H. R., Aboshora, W., & Wang, H. (2016). (PDF) *In Vitro and in Vivo Evaluation of Antidiabetic Activity of Leaf Essential Oil of Pulicariainuloides-Asteraceae*. [https://www.researchgate.net/publication/306000015\\_In\\_Vitro\\_and\\_in\\_Vivo\\_Evaluation\\_of\\_Antidiabetic\\_Activity\\_of\\_Leaf\\_Essential\\_Oil\\_of\\_Pulicaria\\_inuloides-Asteraceae](https://www.researchgate.net/publication/306000015_In_Vitro_and_in_Vivo_Evaluation_of_Antidiabetic_Activity_of_Leaf_Essential_Oil_of_Pulicaria_inuloides-Asteraceae)
- Althaher, A. R. (2022). *An Overview of Hormone-Sensitive Lipase (HSL)*. <https://doi.org/10.1155/2022/1964684>
- American Heart Association. (2023). *Diabetes Risk Factors | American Heart Association*. <https://www.heart.org/en/health-topics/diabetes/understand-your-risk-for-diabetes>
- Artha, C., Mustika, A., & Sulistyawati, S. W. (2017). Pengaruh Ekstrak Daun Singawalang Terhadap Kadar LDL Tikus Putih Jantan Hiperkolesterolemia. 5(2). <https://doi.org/10.23886/ejki.5.7151>
- Bjornstad, P., & Eckel, R. H. (2018). *Pathogenesis of Lipid Disorders in Insulin Resistance: A Brief Review*. *Current Diabetes Reports*, 18(12), 127. <https://doi.org/10.1007/S11892-018-1101-6>
- CDC. (2022). *Diabetes Risk Factors | CDC*. <https://www.cdc.gov/diabetes/basics/risk-factors.html>
- Condurache, N. N., Croitoru, C., Enachi, E., Bahrim, G. E., Stănciuc, N., & Râpeanu, G. (2021). *Eggplant Peels as a Valuable Source of Anthocyanins: Extraction, Thermal Stability and Biological Activities*. *Plants*, 10(3), 1–17. <https://doi.org/10.3390/PLANTS10030577>

- Danthy, R., Rakanita, Y., & Mulyani, S. (2019). Uji Efek Ekstrak Etanol Kulit Terung Ungu Terhadap Kadar Glukosa Darah Tikus Hiperkolesterolemia-Diabetes. *Farmakologika Jurnal Farmasi*, 1, p.
- Duan, Y., Gong, K., Xu, S., Zhang, F., Meng, X., & Han, J. (2022). *Regulation of cholesterol homeostasis in health and diseases: from mechanisms to targeted therapeutics*. <https://doi.org/10.1038/s41392-022-01125-5>
- Egan, A. M., & Dinneen, S. F. (2019). What is diabetes? In *Medicine (United Kingdom)* (Vol. 47, Issue 1, pp. 1–4). Elsevier Ltd. <https://doi.org/10.1016/j.mpmed.2018.10.002>
- Endarini, L. H. (2016). *Farmakognisi Dan Fitokimia*.
- Farmaki, P., Damaskos, C., Garmpis, N., Garmpi, A., Savvanis, S., & Diamantis, E. (2020). *Complications of the Type 2 Diabetes Mellitus. Current Cardiology Reviews*, 16(4), 249. <https://doi.org/10.2174/1573403X1604201229115531>
- Feingold, K. R., & Grunfeld, C. (2021). *Introduction to Lipids and Lipoproteins. Endotext*. <https://www.ncbi.nlm.nih.gov/books/NBK305896/>
- Franco, N. H., Sandøe, P., Anna, I., & Olsson, S. (2018). *Researchers' attitudes to the 3Rs-An upturned hierarchy?* <https://doi.org/10.1371/journal.pone.0200895>
- Hariadini, A. L., Sidharta, B., Ebtavanny, T. G., & Minanga, E. P. (2020). *5272-10491-1-PB*.
- Hartanti, D. A. S., Zuhria, S. A., Putra, I. A., & Yulianto, R. (2022). *Usaha Pembibitan Sayuran - Dya Ayu Sri Hartanti, M.Si., Siti Aminatuz Zuhria, M.P., Ino Angga Putra, M.Pd., Rahmad Yulianto - Google Books*. [https://books.google.co.id/books?hl=en&lr=&id=aOJ-EAAAQBAJ&oi=fnd&pg=PA20&dq=morfologi+terong+ungu&ots=uCJmw-WGF4&sig=UNWrNtBIUuHDd0oVZDDIu31Zp\\_A&redir\\_esc=y#v=onepage&q=morfologi%20terong%20ungu&f=false](https://books.google.co.id/books?hl=en&lr=&id=aOJ-EAAAQBAJ&oi=fnd&pg=PA20&dq=morfologi+terong+ungu&ots=uCJmw-WGF4&sig=UNWrNtBIUuHDd0oVZDDIu31Zp_A&redir_esc=y#v=onepage&q=morfologi%20terong%20ungu&f=false)
- Hasim, Faridah, D. N., Safithria, M., Husnawati, Setiyono, A., & Manshur, H. A. (2020). Aktivitas Penurunan Kadar Glukosa pada Tikus yang Diinduksi Alokkan dari Ekstrak Air Angkak, Bekatul, dan Kombinasinya. *Warta IHP/Journal of Agro-Based Industry*, 37(2), 171–179.
- Huff, T., Boyd, B., & Jialal, I. (2023). Physiology, Cholesterol. *StatPearls*. <https://www.ncbi.nlm.nih.gov/books/NBK470561/>
- IDF. (2021). *IDF Diabetes Atlas 10th edition*. [www.diabetesatlas.org](http://www.diabetesatlas.org)

- 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 (Lithuania)*, 53(6), 365–374. <https://doi.org/10.1016/J.MEDICI.2018.02.001>
- Irdalisa, Safrida, Khairil, Abdullah, & Sabri, M. (2015). Profil Kadar Glukosa Darah Pada Tikus Setelah Penyuntikan Aloksan Sebagai Hewan Model Hiperglikemik.
- ITIS. (2023a). *ITIS - Report: Rattus norvegicus*. [https://www.itis.gov/servlet/SingleRpt/SingleRpt?search\\_topic=TSN&search\\_value=180363#null](https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=180363#null)
- ITIS. (2023b). *ITIS - Report: Solanum melongena*. [https://www.itis.gov/servlet/SingleRpt/SingleRpt?search\\_topic=TSN&search\\_value=30446#null](https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=30446#null)
- Kadhim, N. J. (2019). *Chemical Composition and Antioxidant Capacity of Eggplant Parts during Vegetative and Flowering Stage*. <https://doi.org/10.1088/1742-6596/1294/9/092013>
- Kertika Untari, M., & Pramukantoro, E. (2020). Aktivitas Antihiperkolesterolemia Ekstrak Etanol Daun Stevia Rebaudiana Bertoni Pada Tikus Putih Jantan. *Journal Syifa Sciences and Clinical Research*, 2(1). <http://ejurnal.ung.ac.id/index.php/jsscr,E->
- Kocyigit, A., & Selek, S. (2016). *Exogenous Antioxidants are Double-edged Swords*. <https://doi.org/10.14235/bs.2016.704>
- Laurenti, M. C., Arora, P., Man, C. D., & Andrews, J. C. (2022). *The relationship between insulin and glucagon concentrations in non-diabetic humans | Enhanced Reader*.
- Linton, M. F., Yancey, P. G., Davies, S. S., Jerome, W. G., Linton, E. F., Song, W. L., Doran, A. C., & Vickers, K. C. (2019). *The Role of Lipids and Lipoproteins in Atherosclerosis. Science*, 111(2877), 166–186. <https://www.ncbi.nlm.nih.gov/books/NBK343489/>
- Medical Atlas. (2013). *LDL CHOLESTEROL Direct Enzymatic Colorimetric Method For In-Vitro Diagnostic Store at 2-8°C*.
- Mozos, I., Flangea, C., Vlad, D. C., Gug, C., Mozos, C., Stoian, D., Luca, C. T., Horbá Nczuk, J. O., & Horbá, O. K. (2021). *biomolecules Effects of Anthocyanins on Vascular Health*. <https://doi.org/10.3390/biom11060811>
- Mutiarahmi, C. N., Hartady, T., & Lesmana, R. (2021). *Use Of Mice As Experimental Animals In Laboratories That Refer To The Principles Of Animal*

- Welfare: A Literature Review. Indonesia Medicus Veterinus*, 10(1), 134–145. <https://doi.org/10.19087/imv.2020.10.1.134>
- Nasution, F., Azwar Siregar, A., & Tinggi Kesehatan Indah Medan, S. (2021). Faktor Risiko Kejadian Diabetes Mellitus (Risk Factors for The Event of Diabetes Mellitus). *Jurnal Ilmu Kesehatan*, 9(2).
- 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 (The Profile of Normal Blood Pressure Laboratory Rat (*Rattus norvegicus*) Strain Wistar and Sprague-Dawley). *ACTA VETERINARIA INDONESIA*, 6(2), 32–37. <http://www.journal.ipb.ac.id/indeks.php/actavetindones>
- PERKENI. (2021). Panduan Pengelolaan Dislipidemia di Indonesia 2021.
- Pirahanchi, Y., Sinawe, H., & Dimri, M. (2022). *Biochemistry, LDL Cholesterol. StatPearls*. <https://www.ncbi.nlm.nih.gov/books/NBK519561/>
- Puspa Dewi, S. R., Marlamsya, D. O., & Bikarindrasari, R. (2017). Efek antikaries ekstrak gambir pada tikus jantan galur wistar. *Majalah Kedokteran Gigi Indonesia*, 3(2), 83. <https://doi.org/10.22146/majkedgiind.17407>
- Rodwell, V. W., Bender, D. A., Botham, K. M., Kennelly, P. J., & Weil, P. A. (2015). *Harper's illustrated biochemistry*.
- Rusmini, H., Febriani, D., & Risandy, D. (2020). Pengaruh Madu Ceiba Pentandra Terhadap Kadar LDL Tikus *Rattus Norvegicus* Yang Diberi Diet Tinggi Lemak. *II*(1), 479–489. <https://doi.org/10.35816/jiskh.v10i2.331>
- Sapra, A., & Bhandari, P. (2022). Diabetes Mellitus. *StatPearls*. <https://www.ncbi.nlm.nih.gov/books/NBK551501/>
- Shah, K., & Shah, P. (2018). *Effect of Anthocyanin Supplementations on Lipid Profile and Inflammatory Markers: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. Cholesterol*, 2018. <https://doi.org/10.1155/2018/8450793>
- Sharma, M., Kaushik, P., Urbonaviciene, D., & Viskelis, J. (2021). *Biochemical Composition of Eggplant Fruits: A Review*. <https://doi.org/10.3390/app11157078>
- Sizar, O., Khare, S., Jamil, R. T., & Talati, R. (2023). *Statin Medications. StatPearls*. <https://www.ncbi.nlm.nih.gov/books/NBK430940/>
- Subramanian, S., & Chait, A. (2020a). *Dyslipidemia in Diabetes. Encyclopedia of Endocrine Diseases*, 186–198. <https://doi.org/10.1016/B978-0-12-801238-3.65798-7>

- Subramanian, S., & Chait, A. (2020b). *Dyslipidemia in Diabetes*. *Encyclopedia of Endocrine Diseases*, 186–198. <https://doi.org/10.1016/B978-0-12-801238-3.65798-7>
- Sudarwati, T. P. L., & Fernanda, M. A. H. F. (2019). Aplikasi Pemanfaatan Daun Pepaya (*Carica papaya*) Sebagai Biolarvasida Terhadap Larva *Aedes aegypti*. [www.penerbitgraniti.com](http://www.penerbitgraniti.com)
- 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. In *JSTFI Indonesian Journal of Pharmaceutical Science and Technology: Vol. V* (Issue 1).
- Vergès, B. (2015). *Pathophysiology of diabetic dyslipidaemia: where are we? In Diabetologia* (Vol. 58, Issue 5, pp. 886–899). Springer Verlag. <https://doi.org/10.1007/s00125-015-3525-8>
- Virginia Tech. (2017). *SOP: Blood Collection in the Mouse, Intracardiac*.
- Wolska, A., & Remaley, A. T. (2020). *Measuring LDL-cholesterol: What is the best way to do it? Current Opinion in Cardiology*, 35(4), 405–411. <https://doi.org/10.1097/HCO.0000000000000740>
- World Health Organization. (2019). *Classification Of Diabetes Mellitus 2019 Classification of diabetes mellitus*. <http://apps.who.int/bookorders>.
- Wulandari, R. L. (Ririn), Susilowati, S. (Sri), & Asih, M. (Murnik). (2015). Pengaruh Kombinasi Ekstrak Etanol Daun Sirsak (*Annona Muricata* L.) Dan Simvastatin Terhadap Kadar Kolesterol Total Dan Low Density Lipoprotein (Ldl) Tikus Yang Diinduksi Pakan Tinggi Lemak. *Jurnal Ilmu Farmasi Dan Farmasi Klinik*, 12, 24–32. <https://doi.org/10.31942/JIFFK.V12I2.1409>
- Yarmohammadi, F., Rahbardar, M. G., & Hosseinzadeh, H. (2021). *Effect of eggplant (Solanum melongena) on the metabolic syndrome: A review. In Iranian Journal of Basic Medical Sciences* (Vol. 24, Issue 4, pp. 420–427). Mashhad University of Medical Sciences. <https://doi.org/10.22038/IJBMS.2021.50276.11452>
- Yunita, L., Lalel, H., & Manongga, S. P. (2020). Pengaruh Diet Beras Hitam, Kacang Merah Dan Daun Kelor (*Betamelor*) Terhadap Perubahan Berat Badan Tikus Sprague-Dawley *Betamelor (black rice, red nut, moringa leaves) effects on body weight on Sprague-dawley*.
- Yurista, S. R., Ferdian, R. A., & Sargowo, D. (2016). *View of Principles of the 3Rs and ARRIVE Guidelines in Animal Research*. <https://ijconline.id/index.php/ijc/article/view/579/428>