

DAFTAR PUSTAKA

- ACS, 2016. Alloxan. *American Chemical Society*. [online] Available at: <<https://www.acs.org/content/acs/en/molecule-of-the-week/archive/a/alloxan.html#:~:text=Alloxan%20is%20a%20thermally%20stable,to%20decompose%20at%20256%20%C2%B0C.>> [Accessed 24 August 2022].
- ADA, 2022. Standards of Medical Care in Diabetes-2022 Th E Jou R Nal of C Li N Ical an D Appli Ed R Esearc H an D Education. *Diabetes Care*, [online] 45(Suppliment 1), pp.S1–S264. Available at: <<https://doi.org/10.2337/dc22-SREV>>.
- AHA, 2020. HDL (Good), LDL (Bad) Cholesterol and Triglycerides. *American Heart Assosiation*. [online] Available at: <<https://www.heart.org/en/health-topics/cholesterol/hdl-good-lldl-bad-cholesterol-and-triglycerides>> [Accessed 4 August 2022].
- AHA, 2021. Diabetes Risk Factors. *American Heart Assosiation*. [online] Available at: <<https://www.heart.org/en/health-topics/diabetes/understand-your-risk-for-diabetes>> [Accessed 15 August 2022].
- Alaydrus, S., Pagal, F.R.P., T, D. and Ervianingsih, 2020. Uji Efektivitas Ekstrak Etanol Biji Alpukat (*Persea americana* Mill.) terhadap Penurunan Kadar Kolesteroltotal Tikus Putih Jantan (*Rattus norvegicus*) Model Hipertolesterolemia Diabetes. *Jurnal Sains dan Kesehatan*, 2(4), pp.405–412.
- Alharanu, P.R. and Eviana, N., 2020. Pemanfaatan Buah Pedada (*Sonneratia caseolaris*) pada Pembuatan Permen Jelly. *Eduturisma*, IV(1), pp.1–12.
- Ali, A., Amalia, L. and Suptijah, P., 2015. Pemberian Kitosan Dan Pengaruhnya Terhadap Berat Badan Dan Kadar Trigliserida Darah Tikus Sprague-Dawley Yang Diberi Pakan Asam Lemak Trans (Chitosan effects on body weight and triglyceride levels on Sprague-dawley rats fed by trans fatty acid). *Jurnal Gizi dan Pangan*, [online] 10(1), pp.9–16. Available at: <<https://journal.ipb.ac.id/index.php/jgizipangan/article/download/9305/7293>>.
- Bachmid, N., 2015. Uji Aktivitas Antikolesterol Ekstrak Etanol Daun Patikan Emas (*Euphorbia pruinifolia* Jacq.) pada Tikus Wistar yang Hipertolesterolemia. *Jurnal MIPA*, 4(1), p.29. <https://doi.org/10.35799/jm.4.1.2015.6901>.
- Badaring, D.R., Sari, S.P.M., Nurhabiba, S., Wulan, W. and Lembang, S.A.R., 2020. Uji Ekstrak Daun Maja (*Aegle marmelos* L.) terhadap Pertumbuhan Bakteri *Escherichia coli* dan *Staphylococcus aureus*. *Indonesian Journal of Fundamental Sciences*, 6(1), p.16. <https://doi.org/10.26858/ijfs.v6i1.13941>.
- Banday, M.Z., Sameer, A.S. and Nissar, S., 2020. Pathophysiology of diabetes: An overview. *Avicenna Journal of Medicine*, 10(04), pp.174–188. https://doi.org/10.4103/ajm.ajm_53_20.

- Baskaran, G., Salvamani, S., Ahmad, S.A., Shaharuddin, N.A., Pattiram, P.D. and Shukor, M.Y., 2015. HMG-CoA reductase inhibitory activity and phytocomponent investigation of Basella alba leaf extract as a treatment for hypercholesterolemia. *Drug Design, Development and Therapy*, 9, pp.509–517. <https://doi.org/10.2147/DDDT.S75056>.
- Borén, J., John Chapman, M., Krauss, R.M., Packard, C.J., Bentzon, J.F., Binder, C.J., Daemen, M.J., Demer, L.L., Hegele, R.A., Nicholls, S.J., Nordestgaard, B.G., Watts, G.F., Bruckert, E., Fazio, S., Ference, B.A., Graham, I., Horton, J.D., Landmesser, U., Laufs, U., Masana, L., Pasterkamp, G., Raal, F.J., Ray, K.K., Schunkert, H., Taskinen, M.R., van de Sluis, B., Wiklund, O., Tokgozoglu, L., Catapano, A.L. and Ginsberg, H.N., 2020. Low-density lipoproteins cause atherosclerotic cardiovascular disease: Pathophysiological, genetic, and therapeutic insights: A consensus statement from the European Atherosclerosis Society Consensus Panel. *European Heart Journal*, 41(24), pp.2313–2330. <https://doi.org/10.1093/eurheartj/ehz962>.
- Brake, K., Gumireddy, A., Tiwari, A., Chauhan, H. and Kumari, D., 2017. In vivo Studies for Drug Development via Oral Delivery: Challenges, Animal Models and Techniques. *Pharmaceutica Analytica Acta*, 8(9). <https://doi.org/10.4172/2153-2435.1000560>.
- Britannica, T.E. of E., 2022. Diabetes mellitus. *Encyclopedia Britannica*. [online] Available at: <<https://www.britannica.com/science/diabetes-mellitus>> [Accessed 15 August 2022].
- Brutsaert, E.F., 2020. Diabetes Mellitus (DM). *MSD Manual Consumer Version*.
- Budiarto, A.A., Wibowo, A.P., Putri, S.A., Shabrina, N.N., Ngestiningsih, D. and Tjahjono, K., 2017. Pengaruh Pemberian Ekstrak Rimpang Temulawak (Curcuma Xanthorrhiza Roxb.) dan Jintan Hitam (Nigella Sativa) terhadap Profil Lipid Tikus Sprague Dawley Dislipidemia. *Majalah Kedokteran Bandung*, 49(1), pp.8–14. <https://doi.org/10.15395/mkb.v49n1.982>.
- Craig, M., Yarrarapu, S.N.S. and Dimri, M., 2021. Biochemistry, Cholesterol. *StatPearls Publishing*. [online] Available at: <<https://www.ncbi.nlm.nih.gov/books/NBK513326/>> [Accessed 17 August 2022].
- Dahlan, S.M., 2014. *Statistik Untuk Kedokteran Dan Kesehatan: Deskriptif, Bivariat, dan Multivariat Dilengkapi Aplikasi SPSS*. Available at: <<https://doku.pub/download/statistik-untuk-kedokteran-dan-kesehatan-msopiyudin-dahlan-30j8pxk4p5lw>>.
- Dari, D.W., Ananda, M. and Junita, D., 2020. Karakteristik Kimia Sari Buah Pedada (Sonneratia caseolaris) Selama Penyimpanan. *Jurnal Teknologi Pertanian Andalas Vol.*, 24(2), pp.189–195.
- Endarini, L.H., 2016. *Farmakognisi dan Fitokimia*. Kementerian Kesehatan

Republik Indonesia.

- Fang, J.Y., Lin, C.H., Huang, T.H. and Chuang, S.Y., 2019. In vivo rodent models of type 2 diabetes and their usefulness for evaluating flavonoid bioactivity. *Nutrients*, 11(3). <https://doi.org/10.3390/nu11030530>.
- Fatimah, R.N., 2015. Diabetes Melitus Tipe 2. 4(5), pp.93–101. <https://doi.org/10.14499/indonesianjpharm27iss2pp74>.
- Fatisa, Y. and Pitasari, D., 2016. Pemanfaatan Buah Pedada (*Sonneratia Caseolaris*) Sebagai Bahan Baku Pembuatan Tempe Dan Analisis Proksimat Serta Sifat Organo Leptiknya. *Photon: Jurnal Sain dan Kesehatan*, 6(02), pp.35–43. <https://doi.org/10.37859/jp.v6i02.452>.
- Feingold, K. and Grunfeld, C., 2021. *Introduction to Lipids and Lipoproteins - Endotext - NCBI Bookshelf*. NCBI Bookshelf, .
- Feingold, K.R., 2021. Cholesterol Lowering Drugs. *Endotext*. [online] Available at: <<https://www.ncbi.nlm.nih.gov/books/NBK395573/>>.
- Ferdous, M., Hasan, M., Ali, M., Mehedi, N. and Islam, M., 2022. Mangrove apple (*Sonneratia caseolaris*): A promising fruit in Patuakhali coast of Bangladesh. *Bangladesh Journal of Agriculture*, (June), pp.9–17. <https://doi.org/10.3329/bjagri.v46i1-6.59969>.
- Gani, N., Momuat, L.I. and Pitoi, M.M., 2013. Profil Lipida Plasma Tikus Wistar yang Hiperkolesterolemia pada Pemberian Gedi Merah (*Abelmoschus manihot* L.). *Jurnal MIPA*, 2(1), p.44. <https://doi.org/10.35799/jm.2.1.2013.765>.
- GBIF, 2021. *Sonneratia caseolaris (L.) Engl.* [online] GBIF Backbone Taxonomy. Available at: <<https://www.gbif.org/species/5635606>> [Accessed 20 August 2022].
- Genuth, S.M., Palmer, J.P. and Nathan, D.M., 2015. Diabetes in America, 3rd Edition, Chapter 1: Classification and Diagnosis of Diabetes. 2(4), pp.1–39.
- Goldstein, J.L. and Brown, M.S., 2015. Genes to Statins. *Cell*, 161(1), pp.161–172. <https://doi.org/10.1016/j.cell.2015.01.036.A>.
- Habib, M.A., Khatun, F., Ruma, M.K., Chowdhury, A.S.M.H.K., Silve, A.R., Rahman, A. and Hossain, M.I., 2018. A review on phytochemical constituents of pharmaceutically important mangrove plants, their medicinal uses and pharmacological activities. *Vedic Research International Phytomedicine*, 6(1), p.1. <https://doi.org/10.14259/pm.v6i1.220>.
- Hall, J.E. and Guyton, A.C., 2016. *Guyton and Hall Textbook of Medical Physiology*. 13th ed. Philadelphia: Elsevier, Inc.
- Hasan, M., Sultana, N., Akhter, M., Billah, M.. and Islam, K., 2013. Hypoglycemic Effect of Methanolic Extract From Fruits of *Sonneratia*

- Caseolaris - a Mangrove Plant From Bagerhat Region, The Sundarbans, Bangladesh. *Journal of Innovation & Development Strategy (JIDS)*, 7(1), pp.1–6.
- Hirano, T., 2018. Pathophysiology of Diabetic Dyslipidemia. *Journal of Atherosclerosis and Thrombosis*, [online] 25(9), pp.771–782. <https://doi.org/10.5551/jat.RV17023>.
- Hubrecht, R.C. and Carter, E., 2019. The 3Rs and humane experimental technique: Implementing change. *Animals*, 9(10), pp.1–10. <https://doi.org/10.3390/ani9100754>.
- Huff, T., Boyd, B. and Jialal, I., 2022. Physiology, Cholesterol. *StatPearls Publishing*. [online] Available at: <<https://www.ncbi.nlm.nih.gov/books/NBK470561/>> [Accessed 15 August 2022].
- Ighodaro, O.M., Adeosun, A.M. and 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)*, [online] 53(6), pp.365–374. <https://doi.org/10.1016/j.medici.2018.02.001>.
- International Diabetes Federation (IDF), 2021. *IDF Diabetes Atlas Tenth Edition*. <https://doi.org/10.1016/j.diabres.2013.10.013>.
- ITIS, 2011. Sonneratia L. f. [online] Available at: <https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=564937#null>.
- ITIS, 2022. Rattus norvegicus. [online] Available at: <https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=180363#null> [Accessed 20 August 2022].
- Jariyah, Azkiyah, L., Widjanarko, S.B., Estiasih, T., Yuwono, S.S. and Yunianta, 2013. Hypcholesterolemic effect of pedada (Sonneratiacaseolaris) fruit flour in wistar rats. *International Journal of PharmTech Research*, 5(4), pp.1619–1627.
- Johnson, M., 2012. Laboratory Mice and Rats. *Materials and Methods*, [online] 2. <https://doi.org/10.13070/mm.en.2.113>.
- Kaabia, Z., Poirier, J., Moughaizel, M., Aguesse, A., Billon-Crossouard, S., Fall, F., Durand, M., Dagher, E., Krempf, M. and Croyal, M., 2018. Plasma lipidomic analysis reveals strong similarities between lipid fingerprints in human, hamster and mouse compared to other animal species. *Scientific Reports*, 8(1), pp.1–9. <https://doi.org/10.1038/s41598-018-34329-3>.
- Kemenkes, 2020. *Infodatin tetap produktif, cegah, dan atasi Diabetes Melitus 2020*. *Pusat Data dan Informasi Kementerian Kesehatan RI*, Available at:

- <<https://pusdatin.kemkes.go.id/resources/download/pusdatin/infodatin/Infodatin-2020-Diabetes-Melitus.pdf>>.
- Kennelly, P.J. and Murray, R.K., 2015. *Muscles and the Cytoskeleton. Harper's Illustrated Biochemistry*.
- KKP, 2022. Kondisi Mangrove di Indonesia. *Kementerian Kelautan dan Perikanan*.
- Kopin, L. and Lowenstein, C.J., 2017. Dyslipidemia. *Annals of Internal Medicine*, [online] 167(11), p.167. <https://doi.org/10.7326/AITC201712050>.
- Kottaisamy, C.P.D., Raj, D.S., Prasanth Kumar, V. and Sankaran, U., 2021. Experimental animal models for diabetes and its related complications—a review. *Laboratory Animal Research*, [online] 37(1), pp.1–14. <https://doi.org/10.1186/s42826-021-00101-4>.
- Lee, J.T.J., Dely, A., Ramanayake, M., Adasuriyya, I. and Ginjom, I.R., 2016. Phenolic contents and antioxidant activities of *Sonneratia caseolaris*. *2nd International Conference on Sustainable Global Agriculture and Food (ICSAF) “Safeguarding Global Consumers: Innovation in Food Science and Technology”*, (August), pp.9–10.
- LIPI, 2018. Potensi Cadangan dan Serapan Karbon Ekosistem Mangrove dan Padang Lamun Indonesia. [online] Available at: <<http://oseanografi.lipi.go.id/haspen/01. Summary for policy maker-layout-20 Juli-versi alfa 1.0 release.pdf>>.
- Manalu, R.D.E., Salamah, E., Retiaty, F. and Kurniawati, N., 2013. Kandungan zat gizi makro dan vitamin produk buah pedada. *The Journal of Nutrition and Food Research*, 36(2), pp.135–140.
- Mark, S., Maricé, L., Kate, L.-W., Gabby N, A. and Lalao, A., 2021. The state of the world’s mangrove. *Global Mangrove Alliance*. [online] Available at: <<https://www.mangrovealliance.org/wp-content/uploads/2021/07/The-State-of-the-Worlds-Mangroves-2021-FINAL-1.pdf>>.
- Mellor, D.J., 2016. Moving beyond the ‘Five freedoms’ by updating the ‘five provisions’ and introducing aligned ‘animalwelfare aims’. *Animals*, 6(10), pp.1–7. <https://doi.org/10.3390/ani6100059>.
- Modlinska, K. and Pisula, W., 2020. The Norway rat, from an obnoxious pest to a laboratory pet. *eLife*, [online] 9. <https://doi.org/10.7554/eLife.50651>.
- Mukhtarini, 2014. Ekstraksi, Pemisahan Senyawa, Dan Identifikasi Senyawa Aktif. *J. Kesehatan*, 7(2), pp.361–367.
- Nasional parks board of Singapore, 2022. *Sonneratia caseolaris (L.) Engl.* [online] Available at: <<https://www.nparks.gov.sg/florafaunaweb/flora/3/3/3343>> [Accessed 19 July 2022].
- Nematollahi, A., Aminimoghadamfarouj, N., Jalilvand, M.R. and Vakili, S.A., Monicha Salsabila, 2023
PENGARUH PEMBERIAN EKSTRAK BUAH PIDADA MERAH (*Sonneratia caseolaris (L.) Engl*) TERHADAP KADAR KOLESTEROL LDL TIKUS WISTAR DIABETIK
 UPN “Veteran” Jakarta, Fakultas Kedokteran, S1 Kedokteran
[\[www.upnvj.ac.id\]](http://www.upnvj.ac.id) – www.library.upnvj.ac.id – www.repository.upnvj.ac.id

2012. Design and molecular docking studies of luteolin derivatives, from Biebersteinia multifida DC., as novel HMG-CoA reductase inhibitors. *International Journal of ChemTech Research*, 4(2), pp.733–738.
- Niken, Putri, I. leilani eka and Gusti, F.R., 2019. Uji senyawa fitokimia buah pedada merah (*Sonneratia caseolaris*) di kawasan hutan mangrove Mangguang kota Pariaman. *Jurnal kesehatan saintika meditory*, 1(1(2)), pp.44–49.
- Nugraheni, D.M., Kurniati, I.D., Deliara, H. and Kusuma, M.A., 2020. Kadar Ldl Tikus Wistar Setelah Pemberian Ekstrak Kulit Jeruk Purut (*Citrus Hystrix*). *Herb-Medicine Journal*, 3(3), p.39. <https://doi.org/10.30595/hmj.v3i3.8065>.
- Nugroho, L.D., Soelistijo, S.A. and Nugraha, J., 2021. The Combination Effect of Simvastatin and Virgin Coconut Oil on Total Cholesterol Levels in Dislipidemic Male Albino Rats (*Rattus norvegicus*). *JUXTA: Jurnal Ilmiah Mahasiswa Kedokteran Universitas Airlangga*. <https://doi.org/10.20473/juxta.v12i22021.66-71>.
- OECD, 2022. Test Guideline 425: Acute Oral Toxicity - Up-and-Down Procedure. *Guideline for Testing of Chemicals*, (December), p.26.
- Om, T., Kerndt, C.C. and Cassagnol, M., 2022. Simvastatin. *StatPearls Publishing*. [online] Available at: <<https://www.ncbi.nlm.nih.gov/books/NBK532919/>>.
- Pambudi, D.B. and Haryoto, 2022. Efektivitas Farmakologi Senyawa Aktif Tumbuhan Mangrove Yang Hidup Di Indonesia. *Jurnal Ilmiah Kesehatan*, 15(1), pp.39–57.
- Pappan, N. and Rehman, A., 2022. Dyslipidemia. *Treasure Island (FL): StatPearls Publishing*. [online] Available at: <[from: https://www.ncbi.nlm.nih.gov/books/NBK560891/](https://www.ncbi.nlm.nih.gov/books/NBK560891/)>.
- Parhofer, K.G., 2015. Interaction between glucose and lipid metabolism: More than diabetic dyslipidemia. *Diabetes and Metabolism Journal*, 39(5), pp.353–362. <https://doi.org/10.4093/dmj.2015.39.5.353>.
- Perhimpunan Dokter Spesialis Kardiovaskular Indonesia (PERKI), 2017. *Panduan Tata Laksana Dislipidemia*.
- PERKENI, 2021. Panduan Pengelolaan Dislipidemia di Indonesia.
- Pirahanchi, Y., Sinawe, H. and Dimri, M., 2021. Biochemistry, LDL Cholesterol. *Treasure Island (FL): StatPearls Publishing*. [online] Available at: <<https://www.ncbi.nlm.nih.gov/books/NBK519561/>>.
- Pristihadi, D.N., Fahrudin, M., Boediono and Arief, 2018. Respon Fisioreproduksi Mencit Terhadap Pengubahan Siklus Gelap Terang. *Jurnal Biotek Medisiana Indonesia*, [online] 7(2), pp.103–113. Available at: <<https://202.124.205.241/handle/123456789/97526>>.
- Rahardi, W. and Suhardi, R.M., 2016. Keanekaragaman Hayati Dan Jasa Ekosistem

- Mangrove di Indonesia. *Prosiding Symbion (Symposium on Biology Education)*, (2013), pp.499–510.
- Rahmania, S., Sulistiyani, S. and Lelono, A.A., 2017. Identification of HMG-CoA Reductase Inhibitor Active Compound in Medicinal Forest Plants. *Jurnal Kefarmasian Indonesia*, 7(2), pp.95–104. <https://doi.org/10.22435/jki.v7i2.6279.95-104>.
- Rajis, Desmelati and Leksono, T., 2017. Pemanfaatan Buah Mangrove Pedada (*Sonneratia caseo-laris*) sebagai Pembuatan Sirup terhadap Penerimaan Konsumen Utilization of Pedada Fruit (*Sonneratia caseolaris*) of Mangrove for Syrup Production towards Costumer Acceptance. *Jurnal Perikanan Dan Kelautan*, 22(1), pp.50–51.
- Ramlah, 2018. Pengaruh Ekstrak Daun Pedada (*Sonneratia caseolaris*) Sebagai Antihiperkolesterolemia Pada Mencit (*Mus musculus*). *Bionature*, 19(1), pp.78–84. <https://doi.org/10.35580/bionature.v19i1.6629>.
- Research Animal Resources and Complaints, 2021. Rodent blood collection guidelines. [online] Available at: <[https://www.purdue.edu/research/regulatory-affairs/animal-research/docs/Rodent Blood Collection Guidelines 09.20.pdf](https://www.purdue.edu/research/regulatory-affairs/animal-research/docs/Rodent%20Blood%20Collection%20Guidelines%2009.20.pdf)> [Accessed 9 August 2022].
- Reza Diko, U., 2021. *Kolesterol dan Penanganannya*.
- Rohilla, A. and Ali, S., 2012. Alloxan Induced Diabetes : Mechanisms and Effects. *International Journal of Research in Pharmaceutical and Biomedical Science*, 3(2), pp.819–823.
- Sahromi, 2011. Sonneratia caseolaris : Jenis Mangrove Yang Hidup di Kebun Raya Bogor. *Warta Kebun Raya*, 11(1).
- Sapra, A. and Bhandari, P., 2022. Diabetes Mellitus. [online] Available at: <<https://www.ncbi.nlm.nih.gov/books/NBK551501/>> [Accessed 14 August 2022].
- Sastroasmoro, S. and Ismael, S., 2011. *Dasar-dasar Metodologi Penelitian Klinis*. Sagung Seto.
- Schofield, J.D., Liu, Y., Rao-Balakrishna, P., Malik, R.A. and Soran, H., 2016. Diabetes Dyslipidemia. *Diabetes Therapy*, 7(2), pp.203–219. <https://doi.org/10.1007/s13300-016-0167-x>.
- Sherwood, L., 2019. *Fisiologi Manusia Dari Sel ke Sistem*. 9th ed. Jakarta: EGC.
- Simatupang, A., 2017. *Statin (HMG-CoA reductase inhibitor): Bukti terbaru pengalaman penggunaannya*. Universitas Kristen Indonesia.
- Singh, M.P. and Pathak, K., 2015. Animal models for biological screening of anti-diabetic drugs: An overview. *Pelagia Research Library European Journal of*

- Experimental Biology*, [online] 5(5), pp.37–48. Available at: <www.pelagiaresearchlibrary.com>.
- Solihah R., dan H.M., 2020. Analisis Kadar Apo-A1 Serum Pada Tikus Putih Strain Wistar (*Rattus Novergicus*) Dislipidemia Terhadap Pemberian Ekstrak Kulit Buah Apel [*Malus Sylvestris Mill*] Varietas Room Beauty Analysis Of Serum Apo-A1 Levels In Wistar (*Rattus Novergicus*) White Strain. *Penelitian Ilmiah*, pp.30–40.
- Solikhah, T.I. and Solikhah, G.P., 2021. Effect of *Muntingia calabura* L. Leaf Extract on blood glucose levels and body weight of alloxan-induced diabetic mice. *Pharmacognosy Journal*, 13(6), pp.1450–1455. <https://doi.org/10.5530/PJ.2021.13.184>.
- Solis-Herrera, C., Triplitt, C., Reasner, C., DeFronzo, R.A. and Cersosimo, E., 2018. *Classification of Diabetes Mellitus*. [online] Available at: <<https://www.ncbi.nlm.nih.gov/books/NBK279119/>> [Accessed 19 July 2022].
- Sudarwati, T.P.L. and Fernanda, M.A.H.F., 2019. *Aplikasi Pemanfaatan Daun Pepaya (Carica papaya) Sebagai Biolarvasida Terhadap Larva Aedes Aegypti*. 1st ed. *Graniti*. Gresik: Graniti.
- Sugiyono, 2018. *Metode Penelitian Pendidikan Pendekata Kuantitatif, Kualitatif dan R&D*. Bandung: Alfabeta.
- Sumartini and Ratrinia, P.W., 2022. Nutrition of wet noodles with mangrove fruit flour during the shelf life by adding catechins as a source of antioxidants. *IOP Conference Series: Earth and Environmental Science*, 967(1). <https://doi.org/10.1088/1755-1315/967/1/012015>.
- Susanty, S. and Bachmid, F., 2016. Comparison Of Maceration And Reflux Extraction Methods To Phenolic Levels Of Corn Cob Extract (*Zea mays L.*). *Jurnal Konversi*, 5(2), p.87.
- Swastini, D.A., Shaswati, G.A.P.A., Widnyana, I.P.S., Amin, A., Kusuma, L.A.S., Putra, A.A.R.Y. and Samirana, P.O., 2018. Penurunan Kadar Glukosa Darah dan Gambaran Histopatologi Pankreas dengan Pemberian Gula Aren (*Arenga pinnata*) pada Tikus Jantan Galur Wistar yang Diinduksi Aloksan. *Indonesia Medicus Veterinus*, 7(2), p.10. <https://doi.org/10.19087/imv.2018.7.2.94>.
- Talley, J.T. and Mohiuddin, S.S., 2022. Biochemistry, Fatty Acid Oxidation. *Treasure Island (FL): StatPearls Publishing*. [online] Available at: <<https://www.ncbi.nlm.nih.gov/books/NBK556002/>>.
- Untari, M.K. and Pramukantoro, G.E., 2020. Aktivitas Antihipercolesterolemia Ekstrak Etanol Daun Stevia Rebaudiana Bertoni Pada Tikus Putih Jantan. *Journal Syifa Sciences and Clinical Research*, 2(1), pp.11–20. <https://doi.org/10.37311/jsscr.v2i1.2700>.

- Utami, R., Rismawati, W. and Sapanli, K., 2018. Pemanfaatan Mangrove Untuk Mengurangi Logam Berat Di Perairan. *Prosiding Seminar Nasional Hari Air Dunia 2018*, [online] pp.141–153. Available at: <<http://www.conference.unsri.ac.id/index.php/semnashas/article/view/799>>.
- Utami, S.W., Sudarma, I.M. and Hamdin, C.D., 2019. Efek Pemberian Eugenol Isolat Bunga Cengkeh (*Syzygium aromaticum*) terhadap Histologi Pankreas Tikus Diabetes. *Jurnal Ilmu Kefarmasian Indonesia*, 17(2), p.160. <https://doi.org/10.35814/jifi.v17i2.694>.
- Vekic, J., Zeljkovic, A., Cicero, A.F.G., Janez, A., Stoian, A.P., Sonmez, A. and Rizzo, M., 2022. Atherosclerosis Development and Progression: The Role of Atherogenic Small, Dense LDL. *Medicina (Lithuania)*, 58(2), pp.1–12. <https://doi.org/10.3390/medicina58020299>.
- Vergès, B., 2015. Pathophysiology of diabetic dyslipidaemia: where are we? *Diabetologia*, 58(5), pp.886–899. <https://doi.org/10.1007/s00125-015-3525-8>.
- WHO, 2021. Cardiovascular diseases (CVDs). [online] Available at: <[https://www.who.int/en/news-room/fact-sheets/detail/cardiovascular-diseases-\(cvds\)](https://www.who.int/en/news-room/fact-sheets/detail/cardiovascular-diseases-(cvds))>.
- WHO, 2022. Diabetes. [online] Available at: <<http://www.who.int/en/news-room/fact-sheets/detail/diabetes>> [Accessed 1 June 2022].
- Wolska, A. and Remaley, A.T., 2020. Measuring LDL-cholesterol: what is the best way to do it? *Current opinion in cardiology*, 35(4), pp.405–411. <https://doi.org/10.1097/HCO.0000000000000740>.
- Wulandari, R.L., Susilowati, S. and Asih, M., 2020. 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*, 1(1), pp.24–32.
- Yurista, S.R., Ferdian, R.A. and Sargowo, D., 2016. Prinsip 3Rs dan Pedoman ARRIVE Pada Studi Hewan Coba. *Jurnal Kardiologi Indonesia*, 37(3), pp.156–163.
- Zang, Y., Igarashi, K. and Li, Y.L., 2016. Anti-diabetic effects of luteolin and luteolin-7-O-glucoside on KK-Ay mice. *Bioscience, Biotechnology and Biochemistry*, 80(8), pp.1580–1586. <https://doi.org/10.1080/09168451.2015.1116928>.
- Zhang, Q.W., Lin, L.G. and Ye, W.C., 2018. Techniques for extraction and isolation of natural products: A comprehensive review. *Chinese Medicine (United Kingdom)*, [online] 13(1), pp.1–26. <https://doi.org/10.1186/s13020-018-0177-x>.
- Zuraida, Z., Sulistiyan, S., Sajuthi, D. and Suparto, I.H., 2017. Fenol, Flavonoid, Dan Aktivitas Antioksidan Pada Ekstrak Kulit Batang Pulai (*Alstonia scholaris* R.Br.). *Jurnal Penelitian Hasil Hutan*, 35(3), pp.211–219. <https://doi.org/10.20886/jphh.2017.35.3.211-219>.