

DAFTAR PUSTAKA

- Alaydrus, S. and Rezky Priyanti Amara Pagal, F., 2020. Uji Efektivitas Ekstrak Etanol Biji Alpukat (*Persea americana* Mill.) terhadap Penurunan Kadar Kolesterol total Tikus Putih Jantan (*Rattus norvegicus*) Model Hiperkolesterolemia Diabetes. *J. Sains Kes.*, 2(4). <https://doi.org/10.25026/jsk.v2i4.196>.
- Ali, A.M. and El-Din, T.M., 2019. *HYPOCHOLESTEROLEMIC EFFECT OF SAPONIN EXTRACTS IN EXPERIMENTAL ANIMALS [181]*. [online] *J. Agric. Sci. (AUJAS)*, *Ain Shams Univ*, Available at: <<http://strategy-plan.asu.edu.eg/AUJASCI/>>.
- Artha et al., 2017. Pengaruh Ekstrak Daun Singawalang terhadap Kadar LDL JOURNAL pada Tikus Jantan. *Jurnal Kefarmasian Indonesia*. Mojabet al. 2003. Phytochemical Screening of Some Species of Iranian Plants. *Iranian Journal of Pharmaceutical Research*. page78 Tikus Jantan Hiperkolesterolemia. *Jurnal. Bionature*, 5.
- Astuti, M.D., Wulandari, M., Rosyidah, K. and Nurmasari, R., 2021. ANALISIS PROKSIMAT DAN FITOKIMIA BUAH PEDADA (*Sonneratia ovata* Back.). *Jurnal Sains dan Terapan Kimia*, 15(2), p.154. <https://doi.org/10.20527/jstk.v15i2.10728>.
- Avenido P., S.Jr.A.E., 2012. *Avenido P., Serrano Jr. A. E., 2012 Effects of - Bioflux - Aquaculture ...* [online] Available at: <<https://www.yumpu.com/en/document/view/13324399/avenido-p-serrano-jr-a-e-2012-effects-of-bioflux-aquaculture->> [Accessed 6 September 2022].
- Azkiyah, L., Widjanarko, S.B., Estiasih, T. and Yuwono, S.S., 2013. *Hypocholesterolemic Effect of Pedada (Sonneratia caseolaris) Fruit Flour in Wistar Rats. International Journal of PharmTech Research CODEN (USA): IJPRIF ISSN,* .
- Bansal, A.B. and Cassagnol, M., 2022. HMG-CoA Reductase Inhibitors. *StatPearls*. [online] Available at: <<https://www.ncbi.nlm.nih.gov/books/NBK542212/>> [Accessed 29 July 2022].
- Besselsen, D.G., Romero, M.J., Wagner, A.M., Henderson, K.S. and Livingston, R.S., 2006. Identification of novel murine parvovirus strains by epidemiological analysis of naturally infected mice. *The Journal of general virology*, [online] 87(Pt 6), pp.1543–1556. <https://doi.org/10.1099/VIR.0.81547-0>.

BPOM, 2014. *BADAN PENGAWAS OBAT DAN MAKANAN REPUBLIK INDONESIA*. Jakarta : BPOM

Deviana, 2015. *Solusi Tepat Mengelola Kolesterol*. 3rd ed. Jakarta : CV Sentosa

Doan Van, T., van Thuoc, D., Thi Ngoc Mai, N., Thi Viet Ha, L., Duy Hung, L., Huong Tra, D., Kim Hung, N. and Phuc Hung, N., 2018. Evaluation of Antibacterial, Antioxidant and Antiobese Activities of the Fruit Juice of Crabapple Mangrove *Sonneratia caseolaris* (Linn.) Biosphere Reserve Smart Management Framework View project Bioactive compounds from mangroves View project Evaluation of Antibacterial, Antioxidant and Antiobese Activities of the Fruit Juice of Crabapple Mangrove *Sonneratia caseolaris* (Linn.) Citation. *International Journal of Agricultural Sciences and Natural Resources*, [online] 5(2), pp.25–29. Available at: <<http://www.aascit.org/journal/ijasnr>>.

Dwi Elsa Manalu, R., Salamah, E., Retiaty, F., Nia Kurniawati, dan, Perikanan dan Ilmu Kelautan, F., Pertanian Bogor, I., Biomedis dan Teknologi Dasar Kesehatan, P. and Litbangkes, B., n.d. *Kandungan zat gizi makro dan vitamin produk buah pedada... (Manalu RDE; dkk) KANDUNGAN ZAT GIZI MAKRO DAN VITAMIN PRODUK BUAH PEDADA (SONNERATIA CASEOLARIS) (MACRONUTRIENT AND VITAMIN CONTENTS OF PEDADA'S FRUIT PRODUCTS)*.

Goyal, R. and Jialal, I., 2022. Diabetes Mellitus Type 2. *Verdure: Health Science Journal*, [online] 3(1), pp.8–17. Available at: <<https://www.ncbi.nlm.nih.gov/books/NBK513253/>> [Accessed 6 September 2022].

Han, J., Nepal, P., Odelade, A., Freely, F.D., Belton, D.M., Graves, J.L. and Maldonado-Devincci, A.M., 2021. High-Fat Diet-Induced Weight Gain, Behavioral Deficits, and Dopamine Changes in Young C57BL/6J Mice. *Frontiers in Nutrition*, 7. <https://doi.org/10.3389/fnut.2020.591161>.

Handajani, F., 2021. *Metode Pemilihan dan Pembuatan Hewan Model Beberapa Penyakit Pada Penelitian Eksperimental*. Jakarta : PT Budi Jaya

Handajani, F., 2021b. REVISI LAYOUT BUKU METODE MEMILIHAN DAN PEMBUATAN HEWAN. 155 x 230 mm, pp.1–104.

Harsa, I.M.S., 2014. EFEK PEMBERIAN DIET TINGGI LEMAK TERHADAP PROFIL LEMAK DARAH TIKUS PUTIH (*Rattus norvegicus*). pp.1–8.

Hasyim, S. and Bakri, H., 2018. *HUBUNGAN BERAT BADAN DENGAN KADAR KOLESTEROL DARAH TOTAL PADA LANSIA DI PUSKESMAS SEKUPANG KOTA BATAM*. *Artikel Ilmiah. Zona Keperawatan*.1(1), 156-170.

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UPN “Veteran” Jakarta, Fakultas Kedokteran, Program Studi Kedokteran Program Sarjana
[www.upnvj.ac.id-www.library.upnvj.ac.id-www.repository.upnvj.ac.id]

- Ighodaro, O.M., Adeosun, A.M. and Akinloye, O.A., 2017a. 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>.
- Ighodaro, O.M., Adeosun, A.M. and Akinloye, O.A., 2017b. *Alloxan-induced diabetes, a common model for evaluating the glycemic-control potential of therapeutic compounds and plants extracts in experimental studies. Medicina (Lithuania)*, <https://doi.org/10.1016/j.medici.2018.02.001>.
- International Diabetes Federation, 2021. *IDF Diabetes Atlas 10th edition*. [online] Available at: <www.diabetesatlas.org>.
- Kementrian Kesehatan RI, 2018. *Riskesmas 2018 dalam angka*, Jakarta : Kementrian Kesehatan
- Khomsiyah, S., Ayun, Q., Evi, R. and Susanti, E., 2019. Pengembangan Metode Spektrofotometer UV-Vis Untuk Menentukan Kadar Boraks Dengan memanfaatkan Senyawa antosianin dari Ekstrak Buah Naga Sebagai Indikator. *Jurnal Crystal : Publikasi Penelitian Kimia dan Terapannya*, [online] 1(2), pp.23–33. <https://doi.org/10.36526/JC.V1I2.803>.
- Lee, J.T.J., A.Dely., M.Ramanayake., I.A.& I.R.G., 2016. Phenolic contents and antioxidant activities of *Sonneratia caseolaris*. Prosiding 2nd International Conference on Sustainable program agriculture and food (ICSAF), Semarang. In: *Prosiding 2nd International Conference on Sustainable program agriculture and food (ICSAF)*. pp.1–5.
- Luh Rustini, N. and Ariati dan Wiwik Susanah Rita, K., 2017. EFEK EKSTRAK ETANOL BIJI JAGUNG (ZEA MAYS) TERHADAP PROFIL LIPID TIKUS WISTAR DENGAN DIET TINGGI LEMAK.
- Manalu, D.E., R., Salamah, E., Retiaty, F., Nia Kurniawati, dan, Perikanan dan Ilmu Kelautan, F., Pertanian Bogor, I., Biomedis dan Teknologi Dasar Kesehatan, P. and Litbangkes, B., 2013. *Kandungan zat gizi makro dan vitamin produk buah pedada... (Manalu RDE; dkk) KANDUNGAN ZAT GIZI MAKRO DAN VITAMIN PRODUK BUAH PEDADA (SONNERATIA CASEOLARIS) (MACRONUTRIENT AND VITAMIN CONTENTS OF PEDADA'S FRUIT PRODUCTS)*.
- Marques, C., Meireles, M., Norberto, S., Leite, J., Freitas, J., Pestana, D., Faria, A. and Calhau, C., 2016. High-fat diet-induced obesity Rat model: a comparison between Wistar and Sprague-Dawley Rat. *Adipocyte*, 5(1), pp.11–21. <https://doi.org/10.1080/21623945.2015.1061723>.

- Marrelli, M., Conforti, F., Araniti, F. and Statti, G.A., 2016. *Effects of saponins on lipid metabolism: A review of potential health benefits in the treatment of obesity. Molecules*, <https://doi.org/10.3390/molecules21101404>.
- Martinez-Hervas, S. and Ascaso, J.F., 2022. Hypercholesterolemia. *Encyclopedia of Endocrine Diseases*, [online] pp.320–326. <https://doi.org/10.1016/B978-0-12-801238-3.65340-0>.
- Mehta, R.K., Koirala, P., Mallick, R.L., Parajuli, S. and Jha, R., 2021. Dyslipidemia in patients with type 2 diabetes mellitus in a tertiary care centre: A descriptive cross-sectional study. *Journal of the Nepal Medical Association*, 59(236), pp.305–309. <https://doi.org/10.31729/JNMA.6278>.
- Munira, S., Nesa, L., Islam, Md.S., Begum, Y., Rashid, M.A., Sarker, M.R. and Ahmed, T., 2020. Antidiabetic activity of *Neolamarckia cadamba* (Roxb.) Bosser flower extract in alloxan-induced diabetic rats. *Clinical Phytoscience* 2020 6:1, [online] 6(1), pp.1–6. <https://doi.org/10.1186/S40816-020-00183-Y>.
- Park, H.S., Lee, K., Kim, S.H., Hong, M.J., Jeong, N.J. and Kim, M.S., 2020. Luteolin improves hypercholesterolemia and glucose intolerance through LXR α -dependent pathway in diet-induced obese mice. *Journal of food biochemistry*, [online] 44(9). <https://doi.org/10.1111/JFBC.13358>.
- PERKENI, 2021. *PEDOMAN PENGELOLAAN DAN PENCEGAHAN DIABETES MELITUS TIPE 2 DEWASA DI INDONESIA-2021. PERKENI : Penerbit PB. PERKENI*.
- Pooranfar S, S.E.S.M.M.S.K.M.R.J. dkk., 2014. The Effect of Exercise Training on Quality and Quantity of Sleep and Lipid Profile in Renal Transplant Patients: A Randomized Clinical Trial. . *Int J Organ Transplant Med*, 4.
- Pradipta, I.S., Ronasih, E., Kartikawati, A.D., Hartanto, H., Amelia, R., Febrina, E. and Abdulah, R., 2015. Three years of antibacterial consumption in Indonesian Community Health Centers: The application of anatomical therapeutic chemical/defined daily doses and drug utilization 90% method to monitor antibacterial use. *Journal of Family and Community Medicine*, 22(2), pp.101–105. <https://doi.org/10.4103/2230-8229.155385>.
- Putri Damayati, R., Agustin, F. and Febriyatna, A., 2020. Tepung Pisang Berlin Unripe Meningkatkan Fungsi Kognitif Tikus Yang Diinduksi High Fat Diet. *Indonesian Journal of Human Nutrition*, 7(2), pp.84–91. <https://doi.org/10.21776/ub.ijhn.2020.007.02.1>.
- Rachmawati, S.R. and Suriawati, J., 2019. Identifikasi Senyawa Kimia Dan Nilai Gizi Ekstrak Air Daun Kelor (*Moringa Oleifera* L.) Sebagai Pengawet Alami Mie Basah. *SANITAS: Jurnal Teknologi dan Seni Kesehatan*, 10(2), pp.102–116. <https://doi.org/10.36525/sanitas.2019.11>.

- Rathnayaka, 2017. Extraction Of Bioactive Compounds From Sonneratia caseolaris Fruit and Identify Its Potential Properties. *Journal Bionature* 4(2).
- Reno Intan¹, P., ¹puslitbang Biomedis, K., Dasar, T. and Com, P., 2020. *Prosiding Seminar Nasional Sains The Use of Laboratory Animals in Supporting The Development of The Medical World*.
- Sadino, A., 2020. *AKTIVITAS ANTIDIABETES TANAMAN*. 1st ed. Yogyakarta: CV BUDI UTAMA.
- Sajuthi, D., 2012. *Prinsip-Prinsip Kesejahteraan Hewan (Animal Welfare) di dalam Penelitian Biomedis Sekolah Kedokteran Hewan dan Biomedis IPB University*. [online] Journal. Available at: <<https://fkh.ipb.ac.id/prinsip-prinsip-kesejahteraan-hewan-animal-welfare-di-dalam-penelitian-biomedis/>> [Accessed 5 August 2022].
- Sani, F., 2017. *METODOLOGI PENELITIAN FARMASI KOMUNITAS DAN EKSPERIMENTAL*. 1st ed. Yogyakarta: CV BUDI UTAMA.
- Sarel, Z. dan K.S., 2020. PENGARUH PEMBERIAN EKSTRAK TEH HIJAU (*Camellia sinensis* L.) TERHADAP PENURUNAN KADAR KOLESTEROL TOTAL TIKUS WISTAR (*Rattus norvegicus*) DIABETES INDUKSI ALOKSAN. *Jurnal Sehat Mandiri*, 15, pp.1–14.
- Shen, C., Huang, L., Xiang, H., Deng, M., Gao, H., Zhu, Z., Liu, M. and Luo, G., 2016. Inhibitory effects on the HMG-CoA reductase in the chemical constituents of the *Cassia mimosoides* Linn. *Revista Romana de Medicina de Laborator*, 24(4), pp.413–422. <https://doi.org/10.1515/RRLM-2016-0041>.
- Singh, B.B., Ajeigbe, H.A., Tarawali, S.A., Fernandez-Rivera, S. and Abubakar, M., 2003. Improving the production and utilization of cowpea as food and fodder. *Field Crops Research*, 84(1–2), pp.169–177. [https://doi.org/10.1016/S0378-4290\(03\)00148-5](https://doi.org/10.1016/S0378-4290(03)00148-5).
- Undang-Undang Nomor 18, 2009. UU Nomor 18 Tahun 2009.
- Vuorio, A., Watts, G.F. and Kovanen, P.T., 2019. Lipoprotein(a) as a risk factor for calcific aortic valvulopathy in heterozygous familial hypercholesterolemia. *Atherosclerosis*, [online] 281, pp.25–30. <https://doi.org/10.1016/J.ATHEROSCLEROSIS.2018.11.040>.
- Weber, K., 2017. Differences in Types and Incidence of Neoplasms in Wistar Han and Sprague-Dawley Rats. *Toxicologic Pathology*, 45(1), pp.64–75. <https://doi.org/10.1177/0192623316672075>.

- Winardi, 2019. GAMBARAN KADAR KOLESTEROL TOTAL PADA PENDERITA DIABETES MELITUS (DM) DI RUMAH SAKIT UMUM DAERAH OKU TIMUR TAHUN 2019. *Journal Kesehatan Masyarakat* 5(4).
- Wolfenshon, 2013. *Animal Management and Welfare*. 3rd ed. Amerika : Houshasft
- Wu, L. and Parhofer, K.G., 2014a. *Diabetic dyslipidemia. Metabolism: Clinical and Experimental*, <https://doi.org/10.1016/j.metabol.2014.08.010>.
- Wu, L. and Parhofer, K.G., 2014b. *Diabetic dyslipidemia. Metabolism: Clinical and Experimental*, <https://doi.org/10.1016/j.metabol.2014.08.010>.
- Yohanes, I., Koban, R., Klau, M.E. and Rame, M.M., 2019. *UJI AKTIVITAS ANTIHIPERKOLESTEROLEMIA EKSTRAK ETANOL DAUN KIRINYUH (Chromolaena odorata L.) TERHADAP TIKUS PUTIH (Rattus norvegicus L.) JANTAN YANG DIINDUKSI DIET LEMAK TINGGI. CHMK PHARMACEUTICAL SCIENTIFIC JOURNAL*, .
- Yunani, R., Hari Mudji, E., Apritya, D. and Dukuh Kupang Barat, J.V., 2015. *PERBEDAAN EFEKTIVITAS ANESTETIKUM ANTARA ZOLETIL-ACEPROMACIN DAN KETAMIN-ACEPROMACIN PADA TIKUS PUTIH (Rattus norvegicus). Jurnal Kajian Veteriner Desember*, .
- Zeka, K., Ruparelia, K., Arroo, R., Budriesi, R. and Micucci, M., 2017. Flavonoids and Their Metabolites: Prevention in Cardiovascular Diseases and Diabetes. *Diseases*, 5(3), p.19. <https://doi.org/10.3390/diseases5030019>.
- Zuhroiyyah, S.F., Sukandar, H. and Sastradimaja, S.B., 2017. *Hubungan Aktivitas Fisik dengan Kadar Kolesterol Total, Kolesterol Low-Density Lipoprotein, dan Kolesterol High-Density Lipoprotein pada Masyarakat Jatinangor. 116 JSK*, .