

DAFTAR PUSTAKA

- Adams, S. P., Alaeiikhchi, N., & Wright, J. M. (2023). Simvastatin for lowering lipids. *Cochrane Database of Systematic Reviews*, 2023(2). <https://doi.org/10.1002/14651858.CD014857>
- Agustina, E., Saraswati, R., & Tana, S. (2022). *Respon Histologis Aorta dan Jantung Rattus Norvegicus Hiperlipidemia Setelah Pemberian Jus Buah Kersen (Muntingia calabura L.) dan Ekstrak Daun Lakum (Cayratia trifolia L.)*. 24(2), 1410–8801.
- Ahmad Nazri, K. A., Fauzi, N. M., Buang, F., Mohd Saad, Q. H., Husain, K., Jantan, I., & Jubri, Z. (2019). Gynura procumbens standardised extract reduces cholesterol levels and modulates oxidative status in postmenopausal rats fed with cholesterol diet enriched with repeatedly heated palm oil. *Evidence-based Complementary and Alternative Medicine*, 2019. <https://doi.org/10.1155/2019/7246756>
- Armitage, J., Baigent, C., Barnes, E., Betteridge, D. J., Blackwell, L., Blazing, M., Bowman, L., Braunwald, E., Byington, R., Cannon, C., Clearfield, M., Colhoun, H., Collins, R., Dahlöf, B., Davies, K., Davis, B., de Lemos, J., Downs, J. R., Durrington, P., ... Zannad, F. (2019). Efficacy and safety of statin therapy in older people: a meta-analysis of individual participant data from 28 randomised controlled trials. *The Lancet*, 393(10170), 407–415. [https://doi.org/10.1016/S0140-6736\(18\)31942-1](https://doi.org/10.1016/S0140-6736(18)31942-1)
- Bertram G. Katzung, & Trevor, A. J. (2013). *Pharmacology Examination & Board Review*.
- Caesario, J., Adi, S., & Qurnianingsih, E. (2021). *The Effect of Simvastatin and Virgin Coconut Oil (VCO) Combination Therapy as Triglyceride Plasma Lowering Agent in White Dyslipidemic Male Rat (Rattus norvegicus)*. 04(02). <https://doi.org/10.20473/bhsj.v4i2.14854>
- Carroll, M. D., Fryar, C. D., & Nguyen, D. T. (2015). *Total and High-density Lipoprotein Cholesterol in Adults: United States, 2015-2016 Key findings Data from the National Health and Nutrition Examination Survey*. https://www.cdc.gov/nchs/data/databriefs/db290_table.pdf#2.
- CHRISTIANITY, F. M., HOLIDAH, D., FAJRIN, F. A., SALSABINA, S., & RONI, A. (2019). Profil Lipid dan Gambaran Histopatologi Aorta Tikus Hiperlipidemia dengan Pemberian Ekstrak Kopi Hijau. *JURNAL ILMU KEFARMASIAN INDONESIA*, 68121(1), 21–27.

- Cuchel, M., Raal, F. J., Hegele, R. A., Al-Rasadi, K., Arca, M., Averna, M., Bruckert, E., Freiburger, T., Gaudet, D., Harada-Shiba, M., Hudgins, L. C., Kayikcioglu, M., Masana, L., Parhofer, K. G., Roeters Van Lennep, J. E., Santos, R. D., Stroes, E. S. G., Watts, G. F., Wiegman, A., ... Ray, K. K. (2023). 2023 Update on European Atherosclerosis Society Consensus Statement on Homozygous Familial Hypercholesterolaemia: New treatments and clinical guidance. Dalam *European Heart Journal* (Vol. 44, Nomor 25, hlm. 2277–2291). Oxford University Press. <https://doi.org/10.1093/eurheartj/ehad197>
- DiPiro, Hayes, P. E., Matzke, G. R., & Talbert, R. L. (2020). *PAST EDITORS OF PHARMACOTHERAPY Editions 2-10*.
- Dulo, B., Phan, K., Githaiga, J., Raes, K., & De Meester, S. (2021). Natural Quinone Dyes: A Review on Structure, Extraction Techniques, Analysis and Application Potential. Dalam *Waste and Biomass Valorization* (Vol. 12, Nomor 12, hlm. 6339–6374). Springer Science and Business Media B.V. <https://doi.org/10.1007/s12649-021-01443-9>
- Faisal, A., Halawani, M., Saad Alahmari, Z., Asiri, D. A., Albraheem, A. A., Munahi, A., Alsubaie, A., Alqurashi, A. G., Alturkistani, M., Albalawi, M. K., Nasser, F., Alzaid, A., Musaad, M., Alsaluli, T., Saleh, M., Alghamdi, S., Hospital, A., & Riyadh, K. (2019). *6 Ministry of Health, King Abdulaziz Hospital*.
- Febriyanti, Y., Rahman Razak, A., Sumarni, N. K., Soekarno, J., Km, H., Tadulako, K. B., & Palu, T. (2018). EKSTRAKSI DAN KARAKTERISASI PEKTIN DARI KULIT BUAH KLUWIH (*Artocarpus camansi Blanco*) [Extraction and Characterization of Pectin from *Artocarpus Camansi* Fruit Peels (*Artocarpus camansi Blanco*)]. *KOVALEN*, 4(1), 60–73.
- Goyal, S. N., Reddy, N. M., Patil, K. R., Nakhate, K. T., Ojha, S., Patil, C. R., & Agrawal, Y. O. (2016). Challenges and issues with streptozotocin-induced diabetes - A clinically relevant animal model to understand the diabetes pathogenesis and evaluate therapeutics. Dalam *Chemico-Biological Interactions* (Vol. 244, hlm. 49–63). Elsevier Ireland Ltd. <https://doi.org/10.1016/j.cbi.2015.11.032>
- Gulo, A., & Silitonga, P. M. (2021). *The Effect of Sambung Nyawa Leaf Extract (Gynura procumbens (Lour.) Merr.) on Hemoglobin of Rats Induced by Escherichia coli Bacteria*.
- Handayani, D., & Halimatushadyah, E. (2022). *Standarisasi Mutu Simplisia Rimpang Kunyit Dan Ekstrak Etanol Rimpang Kunyit (Curcuma longa Linn)*.

- Hariadini, A. L., Farmasi, J., Lawuningtyas Hariadini, A., Sidharta, B., Ebtavanny, T. G., Minanga, E. P., & Kunci, K. (2020). PHARMACEUTICAL JOURNAL OF INDONESIA Hubungan Tingkat Pengetahuan dan Ketepatan Penggunaan Obat Simvastatin pada Pasien Hiperkolesterolemia di Apotek Kota Malang. Dalam *PHARMACEUTICAL JOURNAL OF INDONESIA* (Vol. 2020, Nomor 2). <http://.pji.ub.ac.id>
- Hariawan hariadi, Ismail, M. T., & Satwiko, M. G. (2023). *UF Health Aortic Disease Center* (H. Hariawan, M. T. Ismail, & M. G. Satwiko, Ed.).
- Herlambang, U., Hidayati, L., Arifin, H., Octavia Pradipta, R., & Keperawatan, F. (2019). *PENGARUH PROGRESSIVE MUSCLE RELAXATION TERHADAP STRES DAN PENURUNAN GULA DARAH PADA PASIEN DIABETES MELITUS TIPE 2 (Effect of Progressive Muscle Relaxation on Stress and Blood Glucose Decrease in Type 2 Diabetes Mellitus Patient at Puskesmas Kedungdoro and Puskesmas Medokan Ayu)*. <http://e-journal.unair.ac.id/CMSNJ45JournalHomepage>:<https://e-journal.unair.ac.id/PMNJ/index>
- J Sagay, S. J., Simbala, H. E., & de Queljoe, E. (2019). *UJI AKTIVITAS ANTIHIPERLIPIDEMIA EKSTRAK ETANOL BUAH PINANG YAKI (Areca vestiaria) PADA TIKUS PUTIH JANTAN GALUR WISTAR (Rattus norvegicus) YANG DIINDUKSI PAKAN HIPERLIPIDEMIA* (Vol. 8).
- Jialal, I., & Singh, G. (2019). Management of diabetic dyslipidemia: An update. *World Journal of Diabetes*, 10(5), 280–290. <https://doi.org/10.4239/wjd.v10.i5.280>
- Kasih, D. P., Salsabila, I., Aulia D, S. N., Wulan P, E. G., & N, Y. A. (2022). *Identifikasi Tanin pada Tumbuh-tumbuhan di Indonesia*. <https://journal.unsika.ac.id/>
- Kasim, & Yusuf. (2020). *TUMBUHAN OBAT BERBASIS PENYAKIT*.
- Khan, M. A. B., Hashim, M. J., King, J. K., Govender, R. D., Mustafa, H., & Kaabi, J. Al. (2020). Epidemiology of Type 2 diabetes - Global burden of disease and forecasted trends. *Journal of Epidemiology and Global Health*, 10(1), 107–111. <https://doi.org/10.2991/JEGH.K.191028.001>
- Krishnan, V., Ahmad, S., & Mahmood, M. (2015). Antioxidant Potential in Different Parts and Callus of *Gynura procumbens* and Different Parts of *Gynura bicolor*. *BioMed Research International*, 2015. <https://doi.org/10.1155/2015/147909>
- Kurniati, N. F., Nurfatwa, M., & Artarini, A. A. (2018). Aktivitas Makrofag Meningkatkan Pada Aorta Tikus Hiperkolesterolemia. *Majalah Kedokteran Bandung*, 50(1), 13–20. <https://doi.org/10.15395/mkb.v50n1.1159>

- Lau, S. H. A., Wahyudin, E., & Lallo, S. (2018). POTENSI ANTIOKSIDAN EKSTRAK ETANOL DAUN SAMBUNG NYAWA (*Gynura procumbens*) TERENKAPSULASI MALTODEXTRIN DAN PENGARUHNYA TERHADAP KADAR MDA DARAH TIKUS WISTAR (*Rattus norvegicus*) JANTAN YANG DIINDUKSI CCl₄. Dalam *Original Article MFF* (Vol. 22, Nomor 3). <http://journal.unhas.ac.id>
- Lestari, P. H. P., Nurahmi, N., Esa, T., & Kurniawan, L. B. (2020). Analisis rasio profil lipid kolesterol total, High Density Lipoprotein (HDL), Low Density Lipoprotein (LDL), dan trigliserida pada pasien Diabetes Melitus Tipe 2 (DM-2) dengan dan tanpa komplikasi ulkus kaki diabetik. *Intisari Sains Medis*, 11(3), 1333–1340. <https://doi.org/10.15562/ism.v11i3.764>
- Libby, P., Buring, J. E., Badimon, L., Hansson, G. K., Deanfield, J., Bittencourt, M. S., Tokgözoğlu, L., & Lewis, E. F. (2019). Atherosclerosis. *Nature Reviews Disease Primers*, 5(1). <https://doi.org/10.1038/s41572-019-0106-z>
- Made Junior Rina Artha, I., Bhargah, A., Dharmawan, N. K., Pande, U. W., Triyana, K. A., Mahariski, P. A., Yuwono, J., Bhargah, V., Putu Yuda Prabawa, I., Manuaba, I. B. A. P., & Ketut Rina, I. (2019). High level of individual lipid profile and lipid ratio as a predictive marker of poor glycemic control in type-2 diabetes mellitus. *Vascular Health and Risk Management*, 15, 149–157. <https://doi.org/10.2147/VHRM.S209830>
- Millar, C. L., Duclos, Q., & Blesso, C. N. (2019). Effects of dietary flavonoids on reverse cholesterol transport, HDL metabolism, and HDL function. Dalam *Advances in Nutrition* (Vol. 8, Nomor 2, hlm. 226–239). American Society for Nutrition. <https://doi.org/10.3945/an.116.014050>
- Mohamed-Yassin, M. S., Baharudin, N., Abdul-Razak, S., Ramli, A. S., & Lai, N. M. (2021). Global prevalence of dyslipidaemia in adult populations: A systematic review protocol. Dalam *BMJ Open* (Vol. 11, Nomor 12). BMJ Publishing Group. <https://doi.org/10.1136/bmjopen-2021-049662>
- Mueller, A. M., Liakoni, E., Schneider, C., Burkard, T., Jick, S. S., Krähenbühl, S., Meier, C. R., & Spoendlin, J. (2021). The Risk of Muscular Events Among New Users of Hydrophilic and Lipophilic Statins: an Observational Cohort Study. *Journal of General Internal Medicine*, 36(9), 2639–2647. <https://doi.org/10.1007/s11606-021-06651-6>
- Mulyani, Y., Marliani, L., & Tinggi Farmasi Bandung, S. (2019). EDUKASI POLA HIDUP SEHAT KEPADA MASYARAKAT DI KELURAHAN MANJAHLEGA KOTA BANDUNG DALAM MENANGGULANGI OBESITAS SEBAGAI FAKTOR RESIKO PENYAKIT KARDIOVASKULAR. *Jurnal Pengabdian Kepada Masyarakat*, 3(2). www.depkes.go.id

- Munadi, R., & Arifin, L. (2022). SPIN JURNAL KIMIA & PENDIDIKAN KIMIA IDENTIFIKASI SENYAWA METABOLIT SEKUNDER DAN UJI AKTIVITAS ANTIOKSIDAN EKSTRAK DAUN JAHE PUTIH (*Zingiber officinale* Rosc. var. *officinatum*) How to Cite. *SPIN*, 4(2), 163–174. <https://doi.org/10.20414/spin.v4i2.5420>
- Nihayah Enis, M., Retno, S., & Kurniawan. (2021). *PENGARUH PEMBERIAN STREPTOZOTOCIN DOSIS TUNGGAL TERHADAP KADAR GLUKOSA TIKUS WISTAR (Rattus norvegicus)* (Vol. 9, Nomor 1).
- Putri, D. M., & Lubis, S. S. (2020). *SKRINING FITOKIMIA EKSTRAK ETIL ASETAT DAUN KALAYU (Erioglossum rubiginosum (Roxb.) Blum)*.
- Rahman, M., & Al Asad, sharif. (2013). Chemical and biological investigations of the leaves of *Gynura procumbens*. *International Journal of Biosciences (IJB)*, 36–43. <https://doi.org/10.12692/ijb/3.4.36-43>
- Rahmawaty, A., Rahma Cahyani, F., Safitri, N., Ayu Ningtyas Carolina Sitepu, A., Noor Hapitria, E., & Megantara, S. (2022). UJI IN SILICO KANDUNGAN SENYAWA TANAMAN ANGGUR (*Vitis vinifera* L.) UNTUK KANDIDAT OBAT ANTI HIPERLIPIDEMIA. *MFF*. <https://doi.org/10.20956/mff.v26i2.19859>
- Raubenheimer, K., Bondonno, C., Blekkenhorst, L., Wagner, K. H., Peake, J. M., & Neubauer, O. (2019). Effects of dietary nitrate on inflammation and immune function, and implications for cardiovascular health. Dalam *Nutrition Reviews* (Vol. 77, Nomor 8, hlm. 584–599). Oxford University Press. <https://doi.org/10.1093/nutrit/nuz025>
- Siregar, F. A., & Makmur, T. (2020). METABOLISME LIPID DALAM TUBUH. Dalam *Jurnal Inovasi Kesehatan Masyarakat* (Vol. 1, Nomor 2). <http://ejournal.delihusada.ac.id/index.php/JIKM>
- Su, L., Mittal, R., Ramgobin, D., Jain, R., & Jain, R. (2021). Current Management Guidelines on Hyperlipidemia: The Silent Killer. *Journal of Lipids*, 2021, 1–5. <https://doi.org/10.1155/2021/9883352>
- Tan, H. L., Chan, K. G., Pusparajah, P., Lee, L. H., & Goh, B. H. (2016). *Gynura procumbens*: An overview of the biological activities. Dalam *Frontiers in Pharmacology* (Vol. 7, Nomor MAR). Frontiers Media S.A. <https://doi.org/10.3389/fphar.2016.00052>
- Wang, X. T., Li, J., Liu, L., Hu, N., Jin, S., Liu, C., Mei, D., & Liu, X. D. (2012). Tissue cholesterol content alterations in streptozotocin-induced diabetic rats. *Acta Pharmacologica Sinica*, 33(7), 909–917. <https://doi.org/10.1038/aps.2012.50>

Xu, B., Li, Z., Zeng, T., Zhan, J., Wang, S., Ho, C. T., & Li, S. (2022). Bioactives of *Momordica charantia* as Potential Anti-Diabetic/Hypoglycemic Agents. Dalam *Molecules* (Vol. 27, Nomor 7). MDPI. <https://doi.org/10.3390/molecules27072175>