

DAFTAR PUSTAKA

- Afriyeni, H., Putri, N. I., & Rizal, R. (2023). Pengaruh Pemberian Ekstrak Etanol Daun Sisik Naga (*Pyrrosia piloselloides* L.) terhadap Penurunan Kadar Kolesterol Total Mencit Hiperkolesterolemia. *Jurnal Sains dan Kesehatan*, 5(4), 528–534.
- Agustina S, Ruslan, & Agrippina W. (2016). Skrining Fitokimia Tanaman Obat Di Kabupaten Bima. *E-Journal of Applied Chemistry*, 4 (1): 71-76.
- Airaodion, A. I., Ogbuagu, E. O., Agunbiade, A. P., Airaodion, E. O., Ogbuagu, U., Oloruntoba, A. P., Mokelu, I. P., & Chinonye Ekeh, S. (2019). Mechanisms for Controlling the Synthesis of Lipids-Review. *International Journal of Research*, 6(2), 123–135.
- Alfitha U, R. N., Dahliah, Wiriansya, E. P., Rahmawati, & Indarwati, R. P. (2023). Pengaruh Terapi Bekam Terhadap Kadar Kolesterol Total Pada Pasien Hiperkolesterolemia Di Klinik Hamdalam Makassar. *Jurnal Mahasiswa Kedokteran*, 3(8), 563–572.
- Arauna, Y., Aulanni'am, & Oktavianie, D. A. (2012). Studi Kadar Trigliserida dan Gambaran Histopatologi Hepar Hewan Model Tikus (*Rattus norvegicus*) Hiperkolesterolemia yang Diterapi dengan Ekstrak Air Benalu Mangga (*Dendrophthoe petandra*). *Artikel Ilmiah*, Program Studi Pendidikan Dokter Hewan Universitas Brawijaya, 5(1), 74–80.
- Ardian, J., Jauhari, M. T., & Rahmiati, B. F. (2020). Pengaruh Pemberian Jus Jambu Biji Merah terhadap Penurunan Kadar Ldl (*Low Density Lipoprotein*) dan Kolesterol Total. *Nutriology : Jurnal Pangan,Gizi,Kesehatan*, 1(1), 26–34.
- Arifyanto, A., & Farisi, S. (2023). Antioxidant Activity of Endophytic Bacteria isolated from (*Pyrrosia piloselloides*). *Baghdad Science Journal*, 20(6), 2177–2186.
- Azzahra, R. W., & Zuhrotun, A. (2022). Indonesian Journal of Biological Pharmacy Review Article: Potential Anti-Cholesterol Plants Based on *In-Vitro* Studies. *Indonesian Journal of Biological Pharmacy*, 2(2), 67–75.
- Damayanti, R. (2016). Perbedaan Metode Direk (presipitasi) dan Metode Indirek (*Formula Friedwald*) Terhadap Parameter LDL Kolesterol. *Jurnal Kesehatan*, 15(2), 123-130.
- Dea Risna, P. (2017). *Prinsip Dasar Farmakologi*. Sanggas, Denpasar ; Fakultas Kedokteran Univetsitas Udayana.
- Dekkes RI. (2017). *Farmakope Herbal Indonesia*, Edisi ke-2. Jakarta: Departemen Kesehatan Republik Indonesia

- Dipiro J., Schwinghammer T., & Wells B. (2015). *Pharmacotherapy Handbook*, 9th Ed. United States of America: The McGraw-Hill Companies.
- Ergina SN & Pursitasari ID. (2014). Uji Kualitatif Senyawa Metabolit Sekunder Pada Daun Palado (*Agave angustifolia*) Yang Diekstraksi Dengan Pelarut Air Dan Etanol. *Jurnal Akademika Kimia*, 3 (3): 165-172.
- Fan, J., Kitajima, S watanabe, T., Xu J., Zhang J., Liu E., et al (2015). Rabbit Model for the Study of Human Atherosclerosis from Pathophysiological Mechanism to Translational Medicine. *Pharmacol. Ther.* 146, 104-119
- Fennema, O. R., (1996). *Food Chemistry*, 3rd Ed, Marcel Dekker Inc, New York
- Fritz AK, Amrein I, and Wolfer DP. (2017). Similar Reliability and Equivalent Performance of Female and Male Mice in the Open Field and Water-Maze Place Navigation Task. *American Journal of Medical Genetics, Part C:Seminars in Medical Genetics*, 175 (3): 380-391.
- Gandjar, I.G & Rohman, A. (2018). *Spektroskopi Molekuler untuk Analisis Farmasi*. Yogyakarta: Gadjah Mada University Press.
- Gross, J. (1991). *Pigments in vegetable, chlorophylls and carotenoids*. New York: Van Nostrand Reinhold
- Harborne, JB. (1987). *Metode Fitokimia*. Dialih bahasakan oleh Kokasih Padmawinata & Iwang Soediro. Bandung: ITB.
- He, H., & Hou, T. (2021). Lipid. *Essentials of Food Chemistry*, 344, 150-170.
- Immanuel S. (2014). *Biokimia Glukosa Darah, Lemak, Protein, Enzim dan Non-protein Nitrogen*. Dalam : Setiati S, Alwi I, Sudoyo AW, K. Marcellus S, Setiyohadi B & Syam AF, editors. Buku ajar ilmu penyakit dalam jilid I. Edisi VI. Jakarta: Interna Publishing.
- Jeong, Y. U., & Park, Y. J. (2020). Ergosterol Peroxide From the Medicinal Mushroom *Ganoderma lucidum* Inhibits Differentiation and Lipid Accumulation of 3T3-L1 Adipocytes. *International Journal of Molecular Sciences*, 21(2), 1–13.
- Jim, E. L. (2013). Metabolisme Lipoprotein. *Jurnal Biomedik (Jbm)*, 5(3): 149-156.
- Justine VT, Mustafa M, Kankara Ss, and Go R. (2019). Effect of Drying Methods and Extraction Solvents on Phenolic Antioxidants and Antioxidant Activity of *Scurrula ferruginea* (Jack) Danser (Loranthacee) Leaf Extracts. *Sains Malaysiana* 48(7): 1383-93.
- Katzung, B. (2018). *Basic & Clinical Pharmacology*, 14th Ed. New York, USA: McGraw-Hill Professional Publishing.

- Kumari, M., & Jain, S. (2012). Tannins: An Antinutrient with Positive Effect to Manage Diabetes. *Research Journal of Recent Sciences*, 1(12): 70-73.
- Liu HW, Gai F, Gasco L, Brugia paglia A, Lussiana C & Guo KJ. (2009). Effects of Chestnut Tannins on Carcass Characteristics, Meat Quality, Lipid Oxidation and Fatty Acid Composition of Rabbits. *Meat Sci*, 82(4), 418-423.
- Aman, M. M., K-Emd, Finasim, & Andi, D. (2021). *Pengelolaan Dislipidemia di Indonesia*. PB Perkeni.
- Maryati, H. (2017). Hubungan Kadar Kolesterol Dengan Tekanan Darah Penderita Hipertensi Di Dusun Sidomulyo Desa Rejoagung Kecamatan Plosokabupaten Jombang. *Jurnal Keperawatan*. 8 (2) : 127-137.
- Maulana, I., Kurniati Roddu, A., & Suriani, S. (2020). Uji Efektifitas Ekstrak Kulit Petai (*Parkia speciosa* H) Terhadap Mencit (*Mus musculus*) Sebagai Anti
- Messina, M., Piccolo, G., Tulli, F., Messina, C. M., Cardinaletti, G., & Tibaldi, E. (2013). Lipid Composition and Metabolism of European Sea Bass (*Dicentrarchus labrax* L.) Fed Diets Containing Wheat Gluten and Legume Meals as Substitutes for Fish Meal. *Aquaculture*, 376(6), 6–14.
- Murray, R. K., Granner, D. K., & Rodwel, V. W. (2009). *Biokimia Harper Edisi 28*. Jakarta: EG.
- Naser, M. A., Ullah, R., & Waseem, M. (2013). Phytochemical Analysis of Medicinal Plants *Ranunculus arvensis*. *Life Science Journal*, 10, 963-965.
- Natali, F., Siculella, L., Salvati, S., & Gnoni, G. V. (2017). Oleic Acid Is A Potent Inhibitor Of Fatty Acid And Cholesterol Synthesis In C6 Glioma Cells. *Journal of Lipid Research*, 48(9), 1966–1975.
- Ngama, M., Pandiangan, D., Rumondor, M. J., & Biologi, J. (2015). Uji Potensi Antikanker Leukimia Ekstrak Metanol Daun *Selaginella delicatula* dan *Pteris vittata*. *Pharmacon Jurnal Ilmiah Farmasi-UNSRAT*, 4(4), 179–189.
- Nofianti, T., Windiarti, D., & Prasetyo, Y. (2015). Uji Aktivitas Ekstrak Etanol Krop Kubis Putih (*Brassica oleracea* L. var. *capitata*) Terhadap Kadar Kolesterol Total dan Trigliserida Serum Darah Tikus Putih Jantan Galur Wistar. *Jurnal Kesehatan Bakti Tunas Husada*, 9(1), 23-30.
- Nogoy, K. M. C., Kim, H. J., Lee, Y., Zhang, Y., Yu, J., Lee, D. H., Li, X. Z., Smith, S. B., Seong, H. A., & Choi, S. H. (2020). High Dietary Oleic Acid in Olive Oil-supplemented Diet enhanced omega-3 Fatty Acid in Blood Plasma of Rats. *Food Science & Nutrition*, 8(7), 3617–3625.

- Nunes, V. S., da Silva, E. J., Ferreira, G. da S., Assis, S. I. S. de, Cazita, P. M., Nakandakare, E. R., Zago, V. H. de S., de Faria, E. C., & Quintão, E. C. R. (2022). The Plasma Distribution of Non-cholesterol Sterol Precursors and Products of Cholesterol Synthesis and Phytosterols Depend on HDL Concentration. *Frontiers in Nutrition*, 9, 1–8.
- Oktavia, S., Arifin, H., & Duarto, E. (2017). Pengaruh Pemberian Ekstrak Etanol Daun Sisik Naga (*Pyrrosia piloselloides* (L.) M. G Price) Terhadap Waktu Pendarahan, Waktu Pembekuan Darah dan Jumlah Trombosit Mencit Putih Jantan. *Jurnal Farmasi Higea*, 9(1):1-7.
- Ong, D., & Thong, M. (2014). Brine Shrimp Lethality Test and Anti-proliferation Test Against Human Cancer-origin Cell Lines Using Ethanolic and Water Extracts of *Selaginella doederleinii* Hieron. *Journal of Biomedical and Pharmaceutical Research*, 3, 63-69.
- Onuah, C., Anacletus, F. C., & Okoroh, P. N. (2019). The Synergistic Effect Of Ethanol Leaf Extract Of *Annona*. *World Journal of Pharmacy and Pharmaceutical Sciences*, 7(19), 52–60.
- Onwe, P., Folawiyo, M., Ogah, A., Umahi, G., Okorocha, A., & Afoke, A. (2015). Hyperlipidemia: Etiology and Possible Control. *IOSR Journal of Dental and Medical Sciences*, 14(10):2279–2861.
- Padmasari PD, Astuti KW & Warditiani NK. (2013). Skrining Fitokimia Ekstrak Etanol 70% Rimpang Bengle (*Zingiber purpureum* R.). *Jurnal Farmasi Udayana*, 366: 1-7.
- Pappa, E., Rizos, C. V., Filippatos, T. D., & Elisaf, M. S. (2019). Emerging Fixed-Dose Combination Treatments for Hyperlipidemia. *Journal of Cardiovascular Pharmacology and Therapeutics*, 24(4), 315–322.
- Perkeni. (2021). *Pengelolaan Dislipidemia Di Indonesia*. PB Perkeni, 1–2.
- Riwanti, P., Izazih, F., & Amaliyah. (2020). Pengaruh Perbedaan Konsentrasi Etanol Pada Kadar Flavonoid Total Ekstrak Etanol 50,70 Dan 96% *Sargassum polycystum* Dari Madura. *Journal of Pharmaceutical Care Anwar Medika*, 2(2): 82-95.
- Rosmala, Z. A., Asmara, Y. G. I., & Widiastuti, E. A. I. (2018). Perbedaan Hasil Pengukuran Kadar Kolesterol LDL Antara Metode Direk Dan Indirek Dengan Menggunakan Rumus Friedewald Pada Tikus Putih (*Rattus novergicus*). *Jurnal Kedokteran Unran*, 3(7), 1–4.
- Patel, S. R., Bellary, S., Karimzad, S., & Gherghel, D. (2016). Overweight Status is Associated with Extensive Signs of Microvascular Dysfunction and Cardiovascular Risk. *Nature Publishing Group*, 10(2):1–8.

- Sagita, D., Ichwani, M. N., & Linuria, L. (2017). Skrining Aktifitas Antibakteri dari Ekstrak Sisik Naga (*Pyrrosia piloselloides* (L) M.G.Price). *Riset Informasi Kesehatan*, 6(2), 115.
- Sahid, A., Pandiangan, D., Siahaan, P., & Rumondor, M. J. (2013). Uji Sitotoksisitas Ekstrak Metanol Daun Sisik Naga (*Drymoglossum piloselloides* Presl.) terhadap Sel Leukemia P388. *Jurnal MIPA*, 2(2), 94.
- Salma, N., Paendong, J., Momuat, L. I., & Togubu, S. (2013). Antihiperglikemik Ekstrak Tumbuhan Suruhan (*Peperomia pellucida* [L.] Kunth) Terhadap Tikus Wistar (*Rattus norvegicus* L.) yang Diinduksi Sukrosa. *Jurnal Ilmiah Sains*, 2(13), 117–123.
- Sari N. (2018). Pengaruh Pemberian Ekstrak Buah Mengkudu (*Morinda citrifolia* L.) Terhadap Ekspresi Inducible Nitric Oxide Synthase (INOS) Dan Interleukin-6 (IL-6) Pada Organ Paru Hewan Tikus Putih (*Rattus Norvegicus*) Model Asma. *Skripsi*. Malang: Universitas Brawijaya.
- Sarwindah, D. (2020). Potensi Seledri Sebagai Anti Kolesterol. *Jurnal Penelitian Perawat Profesional*, 2(4), 571–578.
- Sangi, M., Runtuwene, MRJ., Simbala, HEL., & Makang, VMA. (2008). Analisis Fitokimia Tumbuhan Obat Di Kabupaten Minahasa Utara. *Chemistry Progress*, 1 (1): 47-53.3
- Sekali EEK, Wartini NM, & Suhendra L. (2020). Karakteristik Ekstrak Aseton Pewarna Alami Daun Singkong (*Manihot esculenta* C.) Pada Perlakuan ukuran partikel bahan dan lama maserasi. *Jurnal ilmiah teknologi pertanian agrotechno*, 5(2): 49-58
- Senduk TW, Montolalu LADY, & Dotulong V. (2020). Rendemen Ekstrak Air Rebusan Daun Tua Mangrove *Sonneratia Alba*. *Jurnal Perikanan Dan Kelautan Tropis*, 11 (1): 9-15.
- Shafira, A., Dewi Sartika, R. A., & Utari, D. M. (2020). Hypercholesterolemia Differences based on Body Fat Percentage in Diabetic Patients at Pasar Minggu Primary Health Care. (2018). *Indonesian Journal of Public Health Nutrition*, 1(1), 1–12.
- Shan X, Xiao Z, Huang W & Dou S. (2008). Effects of Photoperiod on Growth, Mortality and Digestive Enzymes in Miiuy Croaker Larvae and Juveniles. *Aquaculture*, 281:70–6.
- Shargel L, Wu-Pong S & Yu A. (2012). *Statistics. Applied Biopharmaceutics and Pharmacokinetics*, 6th ed. New York, NY, USA, McGraw-Hill, Appendix.
- Sharma, A., Fish, B. L., Moulder, J. E., Medhora, M., Baker, J. E., Mader, M., & Cohen, E. P. (2014). Safety and Blood Sample Volume and Quality of a Refined Retro-orbital Bleeding Technique in Rats Using a Lateral Approach. *Lab Animal*, 43(2), 63–66.

- Sheeba, D. A. H., & Gandhimathi, R. (2021). An Overview on Hyperlipidemia. *Journal of Pharmaceutical Research International*, 33, 543–555.
- Shi, C., Liu, J., Wu, F., Zhu, X. M., Yew, D. T., & Xu, J. (2011). β -Sitosterol Inhibits High Cholesterol-induced Platelet β -amyloid Release. *Journal of Bioenergetics and Biomembranes*, 43(6), 691–697.
- Sul'ain, M. D., Zakaria, F., & Johan, M. F. (2019). Anti-proliferative Effects of Methanol and Water Extracts of *Pyrrosia piloselloides* on the Hela Human Cervical carcinoma Cell Line. *Asian Pacific Journal of Cancer Prevention*, 20(1), 185–192.
- Syahnen. (2018). Diskripsi Tumbuhan Sisik Naga (*Drymoglossum piloselloides* (L.) Presl.) Sebagai Gulma Pada Tanaman Perkebunan, BBPPTP, Medan.
- Thompson, P. D., Panza, G., Zaleski, A., & Taylor, B. (2016). Statin-associated Side Effects. *Journal of the American College of Cardiology*, 67(20), 2395–2410.
- Tolistiawaty I, Widjaja J, Sumolang PPF & Octaviani. (2014). Gambaran Kesehatan pada Mencit (*Mus musculus*) di Instalasi Hewan Coba. *Jurnal Vektro penyakit*, 8(1), 27-32.
- Ulfa, S. W., Ayunda, D. K., Hasibuan, S. A., & Harahap, A. A. (2023). Identifikasi Spora (Warna, Bentuk) Pada Tumbuhan Paku Yang Ada Dibeberapa Kecamatan Di Kota Medan. *Jurnal Ilmiah Wahana Pendidikan*, 9, 610–621.
- Untari, M. K., & Pramukantoro, G. E. (2020). Aktivitas Antihipercolesterolemia Ekstrak Etanol Daun Stevia *rebaudiana* (B.) Pada Tikus Putih Jantan. *Journal Syifa Sciences and Clinical Research*, 2(1), 11-20.
- Utama, R. D. (2021). *Kolesterol dan Penanganannya*. Malang : Strada Press.
- Utami YP, Umar AH, Syahruni R & Kadullah I. (2017). Standardisasi Simplisia Dan Ekstrak Etanol Daun Leilem (*Clerodendrum minahassae* T. & Binn.). *Journal of Pharmaceutical and Medicinal Sciences*, 2 (1): 32-39.
- Varghese, T., et al. (2017). A Review on Causes and Risk Factors of Hyperlipidemia. *International Journal of Pharmacy & Pharmaceutical Research*, 8(2), 123–130.
- Viviandhari, D., & Daniek, D. (2020). Aktivitas fraksi ekstrak etanol *Luffa acutangula* (L.) Roxb Terhadap Penurunan Kolesterol pada Hamster Hiperlipidemia. *Jurnal Jamu Indonesia*, 5(2), 45-55.
- Voight, R. (1994). *Buku Pengantar Teknologi Farmasi*. Universitas Gadjah Mada Press.

- Wahyuni R, Guswandi, and Rivai H. (2014). Pengaruh Cara Pengeringan Dengan Oven, Kering Angin Dan Cahaya Matahari Langsung Terhadap Mutu Simplicia Herba Sambiloto. *Jurnal Farmasi Higea*, 6 (2): 126-33.
- Ward, N. C., Watts, G. F., & Eckel, R. H. (2019). Statin Toxicity: Mechanistic Insights and Clinical Implications. *Circulation Research*, 124(2), 328–350.
- Widyasari, R., Yuspitiasari, D., Masykuroh, A., & Tahuhiddah, W. (2018). Uji Aktivitas Antipiretik Ekstrak Daun Sisik Naga (*Pyrrosia piloselloides*) Terhadap Tikus Putih (*Rattus norvegicus*) Jantan Galur Wistar yang Diinduksi Pepton 5%. *Jurnal Ilmu Farmasi Dan Klinik*, 15(1), 22–28.
- William, E. T., Dodo, I., & Khan, M. (2018). Phytochemical Screening and Haematological Parameters of Aqueous and Ethanolic Leaf Extract of *Momordica charantia* on experimental Albino rats. *ADSU Journal of Scientific Research*, 6(1), 45-55.
- Winangsih, Prihastanti, E., Parman, S. (2013). Pengaruh Metode Pengeringan Terhadap Kualitas Simplicia Lempuyang Wangi (*Zingiber aromaticum* L.). *Complementary and Alternative Medicine*, 12(221): 1-12.
- Yamin M, Furtuna A, Hamzah. (2017). Lama Pengeringan Terhadap Aktivitas Antioksidan dan Mutu Herbal Faun Ketepeng (*Cassia alata* L.). *Jom FAPERTA*, 2(4).
- Yuda, P. E. S. K., Suwirtawati, N. P. D., & Dewi, N. L. K. A. A. (2021). Anti-Inflammatory Activity Of The Topical Formulation Of *Drymoglossum piloselloides* (L) Presl. extract on mice. *Jurnal Ilmiah Farmasi*, 17(2), 137–144.
- Zeka K, et al. (2017). Flavonoids and Their Metabolites: Prevention in Cardiovascular Diseases and Diabetes. *Journal Diseases*, 5 (19).
- Zhou, H., Yang, X., Wang, N., Zhang, Y., & Cai, G. (2017). Tigogenin Inhibits Adipocytic Differentiation And Induces Osteoblastic Differentiation In Mouse Bone Marrow Stromal Cells. *Molecular and Cellular Endocrinology*, 270(1-2), 17-22.
- Zhou B, Zhou DL, Wei XH, Zhong RY, Xu J, Sun L. (2017) Astragaloside IV Attenuates Free Fatty Acid-induced ER Stress and Lipid Accumulation in Hepatocytes Via AMPK Activation. *Acta Pharmacol Sin*, 38(7):998–1008.