

## REFERENCES

- Abd El-Hack, M.E., Alqhtani, A.H., Swelum, A.A., El-Saadony, M.T., Salem, H.M., Babalghith, A.O., Taha, A.E., Ahmed, O., Abdo, M. & El-Tarably, K.A. 2022, 'Pharmacological, nutritional and antimicrobial uses of *Moringa oleifera* Lam. leaves in poultry nutrition: an updated knowledge', *Poultry Science*, vol. 101, no. 9, p. 102031.
- Agus Dwi Djajanti, Firmansyah & Basri, I. 2020, 'Pengaruh Pemberian Kombinasi Ekstrak Daun Kelor (*moringa oleifera* Lam) dan ekstrak daun salam (*syzygium polyanthum* (weight) walp) Terhadap Penurunan Kadar Kolesterol Total Darah Pada Tikus Putih (*Rattus nervecicus*)', *Journal Pharmacy and sciences*, vol. 12, no. 1, pp. 13–25.
- Ali Redha, A., Perna, S., Riva, A., Petrangolini, G., Peroni, G., Nichetti, M., Iannello, G., Naso, M., Faliva, M.A. & Rondanelli, M. 2021, 'Novel insights on anti-obesity potential of the miracle tree, *Moringa oleifera*: A systematic review', *Journal of Functional Foods*, vol. 84, p. 104600.
- Angelina, C., Swasti, Y.R. & Pranata, F.S. 2021, 'Peningkatan Nilai Gizi Produk Pangan Dengan Penambahan Bubuk Daun Kelor (*Moringa oleifera*): Review', *Jurnal Agroteknologi*, vol. 15, no. 01, p. 79.
- Awad, K., Serban, M.C., Penson, P., Mikhailidis, D.P., Toth, P.P., Jones, S.R., Rizzo, M., Howard, G., Lip, G.Y.H. & Banach, M. 2017, 'Effects of morning vs evening statin administration on lipid profile: A systematic review and meta-analysis', *Journal of Clinical Lipidology*, vol. 11, no. 4, pp. 972-985.e9.
- Ayu, P.R., Wijaya, S.M., Dokter, P., Kedokteran, F., Lampung, U., Klinik, B.P., Kedokteran, F., Lampung, U., Gizi, B.I., Kedokteran, F. & Lampung, U. 2022, 3768-Article Text-12982-1-10-20220316, vol. 3, pp. 88–95.
- Azmi, M.B., Sultana, S., Naeem, S. & Qureshi, S.A. 2021, 'In silico investigation on alkaloids of *Rauwolfia serpentina* as potential inhibitors of 3-hydroxy-3-methyl-glutaryl-CoA reductase', *Saudi Journal of Biological Sciences*, vol. 28, no. 1, pp. 731–7.
- Behl, T., Bungau, S., Kumar, K., Zengin, G., Khan, F., Kumar, A., Kaur, R., Venkatachalam, T., Tit, D.M., Vesa, C.M., Barsan, G. & Mosteanu, D.E. 2020, 'Pleotropic Effects of Polyphenols in Cardiovascular System', *Biomedicine and Pharmacotherapy*, vol. 130, p. 110714.
- Brendolan, A. & Russo, V. 2022, 'Targeting cholesterol homeostasis in hematopoietic malignancies', *Blood*, vol. 139, no. 2, pp. 165–76.
- Chhikara, N., Kaur, A., Mann, S., Garg, M.K., Sofi, S.A. & Panghal, A. 2021, 'Bioactive compounds, associated health benefits and safety considerations of *Moringa oleifera* L.: an updated review', *Nutrition and Food Science*, vol. 51, no. 2, pp. 255–77.
- Dewi, T.F. & Nisa, U. 2019, 'Faktor-Faktor yang Berhubungan dengan

- Pemanfaatan Obat Tradisional pada Pasien Hiperkolesterolemia di Rumah Riset Jamu “Hortus Medicus”, *Indonesian Journal of Clinical Pharmacy*, vol. 8, no. 1.
- Du, X., Liu, Y., Lu, L., Wang, W., Zeng, T., Tian, Y., Xu, X., Shen, J., Niu, D. & Lu, Y. 2017, ‘Effects of dietary fats on egg quality and lipid parameters in serum and yolks of Shan Partridge Duck’, *Poultry Science*, vol. 96, no. 5, pp. 1184–90.
- Erlyn, P., Fitriani, N., Kamarudin, S., Safira, B.J. & Sujirata, A.S. 2020, ‘Perbandingan Daun Teh Hijau Dan Daun Pare Terhadap Penurunan Kolesterol’, *Syifa' MEDIKA: Jurnal Kedokteran dan Kesehatan*, vol. 11, no. 1, p. 65.
- Fransiska, M., Fadraersada, J. & Prasetya, F. 2019, ‘Potensi Madu sebagai Penurun Tekanan Darah dan Kolestrol’, *Proceeding of Mulawarman Pharmaceuticals Conferences*, vol. 10, pp. 1–5.
- Gunawan, H., Sitorus, P. & Rosidah, R. 2018, ‘Pengaruh Pemberian Ekstrak Etanol Herba Poguntano (Picria FelTerraee Lour.) Terhadap Profil Lipid Tikus Putih Jantan Dislipidemia’, *Talenta Conference Series: Tropical Medicine (TM)*, vol. 1, no. 1, pp. 230–6.
- Hariadini, A.L., Sidharta, B., Ebtavanny, T. gusti & Minanga, E. putri 2020, ‘Hubungan Tingkat Pengetahuan Dan Ketepatan Penggunaan Obat Simvastatin Pada Pasien Hiperkolesterolemia Di Apotek Kota Malang’, *Pharmaceutical Journal of Indonesia*, vol. 005, no. 02, pp. 91–6.
- Heinrich, M., Mah, J. & Amirkia, V. 2021, ‘Alkaloids used as medicines: Structural phytochemistry meets biodiversity—An update and forward look’, *Molecules*, vol. 26, no. 7, pp. 1–18.
- Herlina, H., Astriyaningsih, E., Siti Windarti, W., Nurhayati, N., Teknologi Hasil Pertanian -Fakultas Teknologi Pertanian, J., Jember Jalan Kalimantan, U. & Tegalboto, K. 2017, ‘Degree of Coconut Oil Rancidity During Recycled Vacuum Frying for Production of Ripe Banana Chips (RBC)’, *Tingkat Kerusakan Minyak Kelapa Selama Penggorengan... Jurnal Agroteknologi*, vol. 11, no. 02.
- Jebardi-Benslaiman, S., Galicia-García, U., Larrea-Sebal, A., Olaetxea, J.R., Alloza, I., Vandebroeck, K., Benito-Vicente, A. & Martín, C. 2022, ‘Pathophysiology of Atherosclerosis’, *International Journal of Molecular Sciences*, vol. 23, no. 6, pp. 1–38.
- Jusuf, D.D., Bodhi, W. & Lebang, J.S. 2021, ‘Uji Efek Analgesik Ekstrak Etanol Daun Gedi (Abelmoschus manihot L.) Pada Tikus Putih Jantan Galur Wistar (Rattus norvegicus)’, *Pharmacon*, vol. 9, pp. 413–8.
- Kar, A., Panda, S., Singh, M. & Biswas, S. 2022, ‘Regulation of PTU-induced hypothyroidism in rats by caffeic acid primarily by activating thyrotropin receptors and by inhibiting oxidative stress’, *Phytomedicine Plus*, vol. 2, no. 3, p. 100298.

- Kusmiyati, K., Rahmawati, E., Waangsir, F.W.F. & Selasa, P. 2022, *Alkaloids, Flavonoids, Tannins and Saponins Contents in Moringa Oleifera Leaves*, vol. Vol 4 No 1, no. Indonesian Journal of Global Health Research; February 2022, pp. 139–44.
- Makita, C., Chimuka, L., Steenkamp, P., Cukrowska, E. & Madala, E. 2016, ‘Comparative analyses of flavonoid content in Moringa oleifera and Moringa ovalifolia with the aid of UHPLC-qTOF-MS fingerprinting’, *South African Journal of Botany*, vol. 105, pp. 116–22.
- Maryam, S., Evrianto, T.D. & Hayati, D. 2020, ‘Uji Efektifitas Diuretik Ekstrak Etanol Daun Gedi (*Abelmoschus manihot* L.) Pada Mencit Putih Jantan Galur Swiss Webster’, *Jurnal Sabdariffarma*, vol. 9, no. 1, pp. 1–6.
- Mu, F., Rich-Edwards, J., Rimm, E.B., Spiegelman, D., Forman, J.P. & Missmer, S.A. 2017, ‘Association between Endometriosis and Hypercholesterolemia or Hypertension’, *Hypertension*, vol. 70, no. 1, pp. 59–65.
- Ogura, M. 2022, ‘HDL, cholesterol efflux, and ABCA1: Free from good and evil dualism’, *Journal of Pharmacological Sciences*, vol. 150, no. 2, pp. 81–9.
- Pandiangan, D., Nainggolan, N. & Pudjihastuti, E. 2020, ‘Potential Anti-Degenerative Hypercholesterolemia in Steeping Tea with Combination of Leaves of Pasote (*Dysphania Ambrosioides* L.), Gedi (*Abelmoschus Manihot* L.), Tapak Dara (*Catharanthus Roseus* (L.) G. Don)’, *International Journal of Pharmaceutical Research*, vol. 12, no. 04.
- Papodi, N.N. 2014, ‘Pengaruh Ekstrak Daun Gedi (*Abelmoschus manihot* L.) Terhadap Gambaran Histopatologi Aorta Tikus Wistar Dengan Diet Aterogenik’, *Jurnal e-Biomedik*, vol. 2, no. 1, pp. 1–12.
- Putri, S.S. & Larasati, T. 2020, ‘Penatalaksanaan Holistik Hiperkolesterolemia pada Ibu Rumah Tangga’, *Medical Journal of lampung university*, vol. 9, no. 2, pp. 73–83.
- Santos, R.D., Gidding, S.S., Hegele, R.A., Cuchel, M.A., Barter, P.J., Watts, G.F., Baum, S.J., Catapano, A.L., Chapman, M.J., Defesche, J.C., Folco, E., Freiberger, T., Genest, J., Hovingh, G.K., Harada-Shiba, M., Humphries, S.E., Jackson, A.S., Mata, P., Moriarty, P.M., Raal, F.J., Al-Rasadi, K., Ray, K.K., Reiner, Z., Sijbrands, E.J.G. & Yamashita, S. 2016, ‘Defining severe familial hypercholesterolaemia and the implications for clinical management: a consensus statement from the International Atherosclerosis Society Severe Familial Hypercholesterolemia Panel’, *The Lancet Diabetes and Endocrinology*, vol. 4, no. 10, pp. 850–61.
- Sedighi, M., Bahmani, M., Asgary, S., Beyranvand, F. & Rafieian-Kopaei, M. 2017, ‘A review of plant-based compounds and medicinal plants effective on atherosclerosis’, *Journal of Research in Medical Sciences*, vol. 22, no. 1.
- Shahlaei, M., Zamani, P., Farhadian, N., Balaei, F., Ansari, M. & Moradi, S. 2021, ‘Cholesterol-lowering drugs the simvastatin and atorvastatin change the protease activity of pepsin: An experimental and computational study’,

- International Journal of Biological Macromolecules*, vol. 167, no. xxxx, pp. 1414–23.
- Sri Wahyu, Andi Sitti Fahirah Arsal & Indah Chintya Maharani 2019, ‘Efektivitas Ekstrak Daun Kelor (Moringa Oleifera) terhadap Penurunan Kadar Kolesterol Total pada Tikus Putih (Rattus Novergicus)’, *Green Medical Journal*, vol. 1, no. 1, pp. 97–110.
- Supriyadi, S., Onny, S. & Mardiyono 2016, ‘Formula Pasta dan Teh Daun Gedi Merah (Abelmoschus manihot L.) Sebagai Bahan Terapi ALternatif Komplemenyer Perubahan Profil Lipida Pada Kasus Dislipidemia (Studi Laboratorium) S’, *Jurnal Litbang Provinsi Jawa Tengah*, no. Vol 14, No 2 (2016): Jurnal Litbang Provinsi Jawa Tengah, pp. 147–58.
- Taroreh, M., Raharjo, S., Hastuti, P. & Murdiati, A. 2016, ‘Antioxidative Activities of Various Fractions of Gedi’s Leaf Extracts (Abelmoschus Manihot L. Medik)’, *Agriculture and Agricultural Science Procedia*, vol. 9, pp. 271–8.
- Tjong, A., Assa, Y.A. & Purwanto, D.S. 2021, ‘Kandungan Antioksidan Pada Daun Kelor (Moringa Oleifera) dan Potensi Sebagai Penurun Kadar Kolesterol Darah’, *Jurnal e-Biomedik*, vol. 9, no. 2, pp. 248–54.
- Ulfiah, A., Arifin, A.F., Pratiwi, R., Gayatri, S.W. & Nurmadilla, N. 2020, ‘Efektifitas Pemberian Ekstrak Daun Kelor terhadap Kadar Kolesterol Darah pada Hewan Coba Mencit’, *UMI Medical Journal*, vol. 5, no. 1, pp. 28–37.
- Utami, R.W. & Kusumastuti, A.C. 2014, ‘Pengaruh Vitamin C Terhadap Kadar Low Density Lipoprotein (LDL) Lanjut Usia Setelah Pemberian Jus Lidah Buaya (Aloe barbadensis Miller)’, *Journal of Nutrition College*, vol. 3, no. 4, pp. 770–6.
- Wulan, O.T. & Indradi, R.B. 2018, ‘Review: Profil Fitokimia dan Aktivitas Farmakologi Gedi (Abelmoschus manihot (L.) Medik.)’, *Farmaka*, vol. 16, no. 2, pp. 202–9.
- Wulandari, R.L., Susilowati, S. & 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*, vol. 1, no. 1, pp. 24–32.
- Xie, Z., Zhang, M., Song, Q., Cheng, L., Zhang, X., Song, G., Sun, X., Gu, M., Zhou, C., Zhang, Y., Zhu, K., Yin, J., Chen, X., Li, J. & Nan, F. 2022, ‘Development of the novel ACLY inhibitor 326E as a promising treatment for hypercholesterolemia’, *Acta Pharmaceutica Sinica B*, no. xxx.
- Yurista, S.R., Ferdian, R.A. & Sargowo, D. 2016, ‘Prinsip 3Rs dan Pedoman ARRIVE Pada Studi Hewan Coba’, *Jurnal Kardiologi Indonesia*, vol. 37, no. 3, pp. 156–63.
- Zeka, K., Ruparelia, K., Arroo, R., Budriesi, R. & Micucci, M. 2017, ‘Flavonoids and Their Metabolites: Prevention in Cardiovascular Diseases and Diabetes’, *Diseases*, vol. 5, no. 3, p. 19.

- Zuhroiyah, S.F., Sukandar, H. & Sastradinanja, S.B. 2017, ‘Hubungan Aktivitas Fisik dengan Kadar Kolesterol Total, Kolesterol Low-Density Lipoprotein, dan Kolesterol High-Density Lipoprotein pada Masyarakat Jatinangor’, *Jurnal Sistem Kesehatan*, vol. 2, no. 3, pp. 116–22.
- Zulviana, E., Rahman, N. & Supriadi, S. 2017, ‘Pengaruh Pemberian Ekstrak Buah Kelor (Moringa oleifera) Terhadap Penurunan Kadar Kolesterol Pada Darah Hewan Mencit (Mus musculus)’, *Jurnal Akademika Kimia*, vol. 6, no. 1, p. 15.
- Zuraida, Candra, A. & Wahab, A. 2021, ‘Hubungan Kadar Kolesterol Total Dan Hipertensi Pada Orang yang Melakukan Olahraga Senam Jantung Sehat Di Kecamatan Glumpang Tiga’, *Jurnal Medika Malahayati*, vol. 5, p. 6.

