

DAFTAR PUSTAKA

1. Elfahmi, Woerdenbag HJ, Kayser O. Jamu: Indonesian traditional herbal medicine towards rational phytopharmacological use. *J Herb Med.* 2014;4(2):51–73.
2. Pen D, Ekspor W, September E. Obat Herbal Tradisional. 2014;(September):1–20.
3. Shrestha P, Adhikari S, Lamichhane B, Shrestha BG. Phytochemical Screening of Selected Medicinal Plants of Nepal. *IOSR J Environ Sci Toxicol Food Technol.* 2015;1(6):11–7.
4. Andi Tenri Ola Rivai. Identifikasi Senyawa yang Terkandung pada Ekstrak Daun Kelor (*Moringa oleifera*). *Ijfs.* 2020;6(1):63–70.
5. Lam CS, Kee H, Id K, Chung VC, Ting Y, Id C. A public survey of traditional , complementary and integrative medicine use during the COVID-19 outbreak in Hong Kong. 2021;1–15. Available from: <http://dx.doi.org/10.1371/journal.pone.0253890>
6. Dillasamola D, Aldi Y, Fakhri M, Diliarosta S, Biomechy Oktomaliao P, Noverial. Immunomodulatory effect test from moringa leaf extract (*Moringa oleifera* L.) with carbon clearance method in male white mice. *Asian J Pharm Clin Res.* 2018;11(9):241–5.
7. Pratama AF, Susanti O. Kajian Ekstrak Daun Kelor (*Moringa Oleifera* Lam) sebagai Immunostimulan untuk Meningkatkan Imunitas Non Spesifik Udang Vannamei (*Litopenaeus Vannamei*). 2018;2:16–21.
8. Akhmad Fathir, Muhaimin Rifa'i W. Aktivitas Ekstrak Daun Kelor Terhadap Sel-T Helper dan Sel-T Sitotoksik pada Mencit yang Diinfeksi *Salmonella thypi*. 2014;15(1):114–22.
9. Nararya SA. Uji Toksisitas Daun Kelor (*Moringa Oleifera*) Terhadap Sel Fibroblas Gingiva Menggunakan Uji MTT Assay. *J Biosains Pascasarj.* 2015;17(1):52.
10. Tamimi AA., De Queljoe E, Siampa JP. UJI EFEK ANALGESIK EKSTRAK ETANOL DAUN KELOR (*Moringa oleifera* Lam.) PADA TIKUS PUTIH JANTAN GALUR WISTAR (*Rattus norvegicus*). *Pharmacon.* 2020;9(3):325.
11. Dwika W, Putra P, Agung A, Oka Dharmayudha G, Sudimartini LM. Identifikasi Senyawa Kimia Ekstrak Etanol Daun Kelor (*Moringa oleifera* L) di Bali (IDENTIFICATION OF CHEMICAL COMPOUNDS ETHANOL EXTRACT LEAF MORINGA (*MORINGA OLEIFERA* L) IN BALI). *Indones Med Veterinus Oktober.* 2016;5(5):464–73.
12. Abidin Z, Huang H, Liao Z, Chen B, Wu Y, Lin Y, et al. Moringa oleifera Leaves' Extract Enhances Nonspecific Immune Responses, Resistance against *Vibrio alginolyticus*, and Growth in Whiteleg Shrimp (*Penaeus vannamei*). *J MDPI.* 2022;
13. Gbankoto A, Sindete M, Adjagba M, Sangare M, Attakpa E, Awede B. Antihypertensive effects of *Moringa oleifera* leaf extract Lam. (*Moringaceae*) in NG-nitro-L-arginine-methyl ester-induced hypertensive rats. *Natl J Physiol Pharm Pharmacol.* 2019;(0):1.
14. Mondal C, Chandra AK. Goitrogenic/antithyroidal potential of moringa

- leaves (*Moringa oleifera*) and spinach (*spinacia oleracea*) of indian origin on thyroid status in male albino rats. *Brazilian J Pharm Sci.* 2019;55:1–11.
15. Syamra1 A, Indrawati A, Warsyidah AA. PEMBERIAN REBUSAN DAUN KELOR TERHADAP PENURUNAN KADAR GLUKOSA DARAH PADA PASIEN PENDERITA DIABETES MELLITUS (DM). 2017;8(Dm):11.
 16. Bhowmik1 D, Dubey1 P, Chandira2 M, Kumar2 KPS. Herbal drug toxicity and safety evaluation of traditional medicines. *Sch Res Libr.* 2011;2(4):373–83.
 17. Berglund. Anaphylaxis to *Moringa oleifera*: First description. *Australas Med J.* 2018;11(3):176–7.
 18. Lee RSASYHCK dan J, K T. Acute Pancreatitis Induced by *Moringa oleifera* in a 48 years Old Korean Women: A Case Report. *Toxicology.* 2015;26(6):612–6125.
 19. Olanrewaju FO, Onayemi O, Olasode OA, Oripelaye MM. Fixed drug eruption induced by *moringa oleifera* leaf extracts – A case report. *Our Dermatology Online.* 2017;8(4):413–6.
 20. RI K. Keputusan Menteri Kesehatan Republik Indonesia Nomor 381/MENKES/SK/III/2007 tentang Kebijakan Obat Tradisional Nasional. Jakarta: Menteri Kesehatan Republik Indonesia; 2007.
 21. BPOM RI. Peraturan Badan Pengawas Obat Dan Makanan Tentang Pedoman Uji Toksisitas Praklinik Secara in Vivo. *J Chem Inf Model.* 2020;53(9):21–5.
 22. Permatasari D, Oktavia I, Nazar A, Ahmadin A. The Sub Acute Toxicity Study of Purified Gambir (*Uncaria gambir* Roxb.) to Liver Histology and its Reversibility on Rats. *Bioscience.* 2021;5(1):12.
 23. Osman H, Shayoub M, Babiker E, Faiza A, Munzir M, Bashier O, et al. Assessment of acute toxicity and LD 50 of *Moringa oleifera* ethanolic leave extract in albino rats and rabbits. *J Med Biol Sci Res.* 2015;1(4):38–43.
 24. Citra K. Kandungan Nutrisi Tanaman Kelor. Vol. 44, Fakultas Farmasi Universitas Surabaya. 2019. 1689–1699 p.
 25. Mardiana. Daun Ajaib Tumpas Penyakit. Jakarta: Penebar Swadaya; 2013.
 26. Herbie. Kitab Tanaman Berkhasiat + 226 Tumbuhan Obat Untuk Penyakit dan Kebugaran Tubuh. Yogyakarta: Octopus Publishing House; 2015.
 27. Marhaeni LS. DAUN KELOR (*Moringa oleifera*) SEBAGAI SUMBER PANGAN FUNGSIONAL DAN ANTIOKSIDAN. 2021;13(2):40–53.
 28. Dhea Dani BY, Wahidah BF, Syaifudin A. Etnobotani Tanaman Kelor (*Moringa oleifera* Lam.) di Desa Kedungbulus Gembong Pati. *Al-Hayat J Biol Appl Biol.* 2019;2(2):44.
 29. Dixit S, Astha T PK. Medicinal Properties of *Moringa oleifera*. I. *Int J Educ Sci Res.* 2016;3(2):173–85.
 30. Kemenkes RI. Farmakope Herbal Indonesia Edisi 2. Jakarta: Kementerian Kesehatan Republik Indonesia; 2017.
 31. Alethea, Ramadhian. Efek Antidiabetik pada Daun Kelor. *J Major.* 2015;4(9):118–22.
 32. AK D, M I, S S, S K, V P, A S. A Biological, nutritinional, ant therapeutic significance of *Moringa oleifera* Lam Vol 33. *Phytotherapy Research.* John Wiley and Sons; 2019. 2870–903 p.

33. Kasolo JN, Bimenya GS, Ojok L, Ogwal-Okeng JW. Sub-acute toxicity evaluation of Moringa oleifera leaves aqueous and ethanol extracts in Swiss Albino rats. *Int J Med Plant Res.* 2012;1(6):75–81.
34. Gopalakrishnan L, Doriya K KD. Moringa oleifera: A review on nutritive importance and its medicinal application. *Food Sci Hum Wellness, Elsevier B V.* 2016;5:49–56.
35. Marcu M. *Miracle Tree.* American Fork: KOS Health Publications; 2013.
36. Badan K, Obat P, Makanan DAN. *Badan pengawas obat dan makanan republik indonesia.* 2022;
37. Dekant W, Vamvakas S. *Toxicology.* Weinheim: Ullmann's Industrial Toxicology; 2005.
38. Gupta, S B. Study of Acute, Subacute and Chronic Toxicity Test. *Int J Biomed Pharm Res.* 2012;2(2):277–89.
39. BULUS T, ATAWODI S, MAMMAN M. ACUTE TOXICITY EFFECT OF THE AQUEOUS EXTRACT OF Terminalia avicennioides ON WHITE ALBINO RATS . 2011;6(2):2–5.
40. Lu F, S K. *Basic Toxicology Fundamentals, Target Organs, and Risk Assessment.* 5th Editio. New York: CRC Press; 2010.
41. *Farmakologi. Kumpulan Kuliah Farmakologi.* 2nd Ed. Jakarta: EGC; 2008.
42. Moore, AF D, AMR A. *Moore Clinically Oriented Anatomy.* 7th editio. Baltimore: Lippincott Williams & Wilkins; 2014.
43. Verdiansah. *Pemeriksaan Fungsi Ginjal Rumah Sakit Hasan Sadikin: Bandung, Indonesia.* 2016;43(2):148–54.
44. Tarwoto. *Anatomi dan Fisiologi untuk Mahasiswa Keperawatan.* Jakara: Trans Info Media; 2009.
45. Guyton, Hall. *Buku Ajar Fisiologi Kedokteran.* Edisi 12. Jakara: EGC; 2014.
46. Sherwood. *Fisiologi Manusia: dari Sel ke Sistem.* Edisi 8. Jakarta: EGC; 2014.
47. Tortora, B D. *Principles of anatomy and physiology.* 14 th edit. New Jersey: John Wiley and Sons; 2014.
48. Al-Naimi M, Rasheed H, Hussien N, Al-Kuraishy H, Al-Gareeb A. Nephrotoxicity: Role and significance of renal biomarkers in the early detection of acute renal injury. *J Adv Pharm Technol Res.* 2019;10(3):95–9.
49. Mescher, Anthony L. *Junquiera's Basic Histology Text and Atlas.* 12th editi. United States: McGraw Hill; 2010.
50. Eroschenko VP. *Atlas of Histology with Functional Correlation.* 11th editi. United States of America: Library of Congress Cataloging; 2010.
51. Jennete CJ, L J, Olson, M MS, G F, Silva. *Heptinstall's Pathology of Kidney.* California: Lippincott Williams & Wilkins; 2007.
52. Rinanti AI. *Pengaruh Fraksi Butanol Tumbuhan Tali Putri (Cassytha filiformis L.) terhadap Histologi Ginjal Tikus Putih Jantan [Skripsi].* Padang: Fakultas Farmasi Universitas Andalas; 2018.
53. Abdelhalim MAK. Lung tissue alterations were size-dependent with smaller ones induced more effects and related with time exposure of gold nanoparticles. *J Cancer Sci Ther.* 2012;4(6):170–3.
54. Alexander H. *Handbook of Renal Biopsy Pathology.* Second Edi. London:

- Springer; 2008.
55. Program NT. Nonneoplastic Lesion Atlas: A Guide for Standardizing Terminology in Toxicologic Pathology for Rodents. [Internet]. U.S. Department of Health and Human Services. [cited 2022 Nov 13]. Available from: <https://ntp.niehs.nih.gov/nnl/urinary/kidney/>
 56. RI D. Farmakope Indonesia edisi VI. Jakarta: Departemen Kesehatan Republik Indonesia; 2020. 500 p.
 57. Ditjen P. Parameter Standar Umum Ekstrak Tumbuhan Obat. Jakarta: Departemen Kesehatan Republik Indonesia; 2000.
 58. Ditjen P. Farmakope Indonesia III. Jakarta: Depkes RI; 1979.
 59. Mukhriani. Ekstraksi, Pemisahan Senyawa, dan Identifikasi Senyawa Aktif. *J Kesehat*. 2014;7:361–7.
 60. Hanani. Analisis Fitokimia. Jakarta: EGC; 2015.
 61. Fiette MS and L. Histopathology Procedures: From Tissue Sampling to Histopathological Evaluation. *Drug Saf Eval*. 2011;691:69–82.
 62. Leslie P. Gartner, Hiatt JL. Color Textbook of Histology. Third Edit. 2007.
 63. Jamie, Kumar K. Special Stains and H & E. Edition S, editor. Manual of Histological Techniques. California: Dako North America; 2017. 63–63 p.
 64. Mescher LA. Junquiera's Basic Histology Text and Atlas twelfth edition. United States. United States: McGraw Hill; 2010.
 65. Zuler TS. Uji Toksisitas Subakut Ekstrak Etanol Pegagan Embun (*Hydrocotyle sibthorpioides* Lam.) terhadap Gambaran Histopatologi Hati Tikus Putih Jantan [Skripsi]. Padang: Fakultas Farmasi Universitas Andalas; 2022.
 66. Ahmed A, Al Tamimi DM, Isab AA, Alkhawajah AMM, Shawarby MA. Histological Changes in Kidney and Liver of Rats Due to Gold (III) Compound $[Au(en)Cl_2]Cl$. *PLoS One*. 2012;7(12):1–11.
 67. Anonim. Efek Samping Obat. Yogyakarta: Farmakologi Klinik Fakultas Kedokteran UGM; 2010.
 68. H.C A. Pengantar Bentuk Sediaan Farmasi. Edisi 4. Jakarta: UI Press; 1989.
 69. Mukhtarini. Ekstraksi, Pemisahan Senyawa, dan Identifikasi Senyawa. *J Pharm*. 2011;5:361.
 70. H A, TI A, O A, DA J. Kajian Efek Analgetik dan Toksisitas Subakut dari Ekstrak Etanol Daun Kitolog (*Isotoma longiflora* L.) pada Mencit Putih Jantan. *J Sains Farm Klin*. 2018;5(2):112–8.
 71. Voight, B M, Widiyanto. Buku Pelajaran Teknologi Farmasi Edisi V. Soendani, editor. Yogyakarta: Gadjah Mada University Press; 1994.
 72. Kinanthi Pangestuti E, Petrus Darmawan dan. JURNAL KIMIA DAN REKAYASA Analisis Kadar Abu dalam Tepung Terigu dengan Metode Gravimetri Analysis of Ash Contents in Wheat Flour by The Gravimetric Method. *J Kim dan Rekayasa*. 2021;2(1):16–21.
 73. Aulya NA, Yuliawati KM. Aktivitas Antioksidan Secara Kualitatif Pada Infused Water Kulit Buah Naga Super Merah (*Hylocereus costaricensis*(F.A.C. Weber) Britton & Rose). *Bandung Conf Ser Pharm*. 2021;1(1):24–33.
 74. Swathi S. Phytochemical screening and tlc studies of moringaoleifera extract: Their antibacterial and anti-oxidant activities. *Int J Curr Pharm Rev*

- Res. 2016;8(1):46–9.
75. Hanani E. Analisis Fitokimia. Jakara: Penerbit Buku Kedokteran EGC; 2014.
 76. Gupta R. Biomarkers in Toxicology. USA: Elsevier; 2014.
 77. CDER. Consideration for Use of Histopathology and Its Associated Methodologies to Support Biomarker Qualification. United States: Department of Health and Human Services Food and Drug Administration; 2016.
 78. Price SA, M WL. Patofisiologi: Konsep Klinis Proses-Proses Penyakit Edisi 6, Volume 1. Jakara: EGC; 2006.
 79. Bailey SA, Zidell RH, Perry RW. Toxicologic Pathology. 2004;
 80. Dewi H, Quzwain F, Wulansari N. Histology Slide Quality Comparative Study Impregnation and Embedding Using Beeswax and Paraffin. Jambi Med Heal Sci Int Conf. 2021;10(2):291–8.
 81. Sugiharto. Mikroteknik. Bogor: Departemen Pendidikan dan Kebudayaan Direktorat Jendral Pendidikan Tinggi Pusat Antar Universitas Ilmu Hayati; 1989.
 82. Budiman H, Aliza D. ISSN: 2540-9492 HISTOPATOLOGI GINJAL TIKUS PUTIH (*Rattus norvegicus*) YANG DIINJEKSI FORMALIN Histopathological changes of rat (*Rattus norvegicus*) kidney injected with formalin PENDAHULUAN Formalin merupakan bahan kimia yang bersifat toksik , yang tok. 2017;01(3):424–31.
 83. Putu Ratna S NL, Wayan S I, Bagus Oka W I. Histopatologi Ginjal Tikus Putih Akibat Pemberian Ekstrak Pegagan (*Centella asiatica*) Peroral. Bul Vet Udayana. 2013;5(1):63–9.

