

DAFTAR PUSTAKA

1. Kaplan HI, Sadock BJ. Synopsis of Psychiatry 12th Edition. Vol. 12, International Clinical Psychopharmacology. 2022. 3768 p.
2. Von Korff M SG. The relationship between pain and depression. 1996:168 (30), 101–108.
3. Barendregt JJ, Nusselder WJ, Bonneux L. Global burden of disease. Lancet. 1997;350(9071).
4. Badan Penelitian dan Pengembangan Kesehatan (Badan Litbangkes). Laporan Riskesdas 2018 Nasional.pdf. Lembaga Penerbit Balitbangkes. 2018. p. 674.
5. LAPORAN RISKESDAS SUMATRA BARAT 2018.
6. Manda V, Damayanti A. Kajian Efek Samping Antidepresan Terhadap Fungsi Seksual. J Pharm Sci Technol. 2023;3(2):254–9.
7. Braund TA, Tillman G, Palmer DM, Gordon E, Rush AJ, Harris AWF. Antidepressant side effects and their impact on treatment outcome in people with major depressive disorder: an iSPOT-D report. Transl Psychiatry
8. Bet PM, Hugtenburg JG, Penninx BWJH, Hoogendijk WJG. Side effects of antidepressants during long-term use in a naturalistic setting. Eur Neuropsychopharmacol
9. Pratama PJ, Kurniawati N, Erikania S. Uji In Silico Senyawa Daun Belimbing Wuluh (*Averrhoa bilimbi* L.) Sebagai Antikanker Kolorektal Serta Prediksi Profil Farmakokinetik Dan Toksisitas. Pros Semin Inf Kesehat Nas
10. Fadhil AR, Sinthary V, Rijai L. Studi Etnofarmasi Tumbuhan Berkhasiat Obat Di Kecamatan Duampanua Kabupaten Pinrang Sulawesi Selatan. 2024;10(1):80–103.
11. Ramdhayani AN, Syamswisna S, Fajri H. Pemanfaatan Tumbuhan Obat Tradisional Masyarakat Desa Semata Kecamatan Tangaran Kabupaten

Sambas. Biosci J Ilm Biol. 2023;11(1):330.

12. Syahrudin M, Saparuddin S, Islamiyah ZT, Arjun M. Eksplorasi Jenis dan Pemanfaatan Tanaman Obat Di Bumi Patowonua, Kabupaten Kolaka Utara, Sulawesi Tenggara. J Mandala Pharmacon Indones. 2023;9(2):197–220.
13. Hasim H, Arifin YY, Andrianto D, Faridah DN. Ekstrak Etanol Daun Belimbing Wuluh (*Averrhoa bilimbi*) sebagai Antioksidan dan Antiinflamasi. J Apl Teknol Pangan. 2019;8(3):86.
14. Ardhasari A, Vivin Nopiyanti, Jena Hayu Widyasti. UJI AKTIVITAS ANTIDEPRESAN EKSTRAK ETANOL DAUN PEPAYA (*Carica papaya* L.) PADA MENCIT PUTIH JANTAN (*Mus musculus* L.). Med Sains J Ilm Kefarmasian. 2023;8(2):567–78.
15. Qalbiy N, Fitriarningsih SP, Hazar S. Uji Aktivitas Antidepresan dari Madu Hitam Pahit terhadap Mencit Swiss Webster yang Diinduksi dengan Chronic Mild Stress (CMS). Pros Farm. 2020;6(2):663–7.
16. MESTHA S V, Nagesh S, Shanbhag P, BHAT R. Evaluation of Anti-Depressant Activity of Methanolic Extract of *Averrhoa Bilimbi* Using Various Animal Models. World J Curr Med Pharm Res. 2022;(October):118–21.
17. Pytka K, Rapacz A, Zygmunt M, Olezyk A, Waszkielewicz A, Sapa J, et al. Antidepressant-like activity of a new piperazine derivative of xanthone in the forced swim test in mice: The involvement of serotonergic system. Pharmacol Reports
18. Nadiyah. Studi Efek Antidepresan Terhadap Enxiety-Like Behavior pada Hewan Coba Diabetes Melitus. Universitas Airlangga, Surabaya; 2015.
19. Yankelevitch-Yahav R, Franko M, Huly A, Doron R. The forced swim test as a model of depressive-like behavior. J Vis Exp. 2015;2015(97):1–7.
20. Lisnawati NPT. Ekstrak Buah Belimbing Wuluh (*Averrhoa blimbi* L.) [Internet]. 2020.

21. Alhassan A, Ahmed Q. *Averrhoa bilimbi* Linn.: A review of its ethnomedicinal uses, phytochemistry, and pharmacology. *J Pharm Bioallied Sci.* 2016;8(4):265–71.
22. Kusuma Wahyuni D, Ekasari W, Ridho Witono J, Purnobasuki H. *Toga Indonesia* [Internet]. Airlangga University Press; 2016.
23. Sá RD, Vasconcelos AL, Santos A V., Padilha RJR, Alves LC, Soares LAL, et al. Anatomy, histochemistry and oxalic acid content of the leaflets of *Averrhoa bilimbi* and *Averrhoa carambola*. *Rev Bras Farmacogn*
24. Names L, Description B. *Averrhoa bilimbi* L. 2009;0:1–5.
25. N H, C P, E B, V K. a Comparative Morpho-Anatomical Study of Leaf and Stem in *Averrhoa Bilimbi* L. and *Averrhoa Carambola* L. *Biannu Peer Rev Int J | SE Impact Factor* [Internet]. 2020;
26. Siddique KI, Uddin MMN, Islam MS, Parvin S, Shahriar M. Phytochemical screenings, thrombolytic activity and antimicrobial properties of the bark extracts of *Averrhoa bilimbi*. *J Appl Pharm Sci.* 2013;3(3):94–6.
27. Science M. *JOURNAL OF THE MYANMAR ACADEMY OF Botany and Marine Science.* 2023;XIX(4).
28. Patil AG, Koli SP, Patil DA. Pharmacognostical standardization and HPTLC fingerprint of *Averrhoa bilimbi* (L.) fruits. *J Pharm Res* [Internet]. 2013
29. Nur A, Fajar DR. IDENTIFIKASI SENYAWA KIMIA PADA EKSTRAK ETANOL 70% BUAH BELIMBING WULUH (*Averrhoa bilimbi* L.). *Kieraha Med J.* 2019;1(1):1–6.
30. Binawati DK, Amilah S. Effect of Cherry Leaf (*Muntingia calabura* L.) Bioinsecticides Extract Towards Mortality of Worm Soil (*Agrotis ipsilon*) and Armyworm (*Spodoptera exigua*) on Plant Leek (*Allium fistolum*). *J Wahana.* 2013;61(2):51–57.
31. Pannu A, Sharma PC, Thakur VK, Goyal RK. Emerging role of flavonoids as the treatment of depression. *Biomolecules.* 2021;11(12).

32. Kumar S. International Journal of Phytopharmacology A REVIEW ON MEDICINAL PLANTS WITH POTENTIAL ANTIDIABETIC ACTIVITY Anthelmintic activity of crude extract of *Grewia tenax*. View project The effect of *Halothuria atra* on Hyperlipidemic animal View project. 2013;(January 2015). Available from: www.onlineijp.com
33. Wijayanti TRA, Safitri R. Uji Aktivitas Antibakteri Ekstrak Daun Belimbing Wuluh (*Averrhoa Bilimbi* Linn) Terhadap Pertumbuhan Bakteri *Staphylococcus Aureus* Penyebab Infeksi Nifas. *Care J Ilm Ilmu Kesehat*. 2018;6(3):277.
34. Nurhasanah, Saiful Bachri M, Yuliani S. No Title. In: Ayu Sabila G, editor. *Antioksidan dan Stres Oksidatif*. 1st ed. 2023. p. 1.
35. Lutfiah L. Aplikasi Kamus Simplisia Dan Resep Obat Tradisional (Sidota) Berbasis Android. *J Sains dan Inform*. 2022;8(1):61–9.
36. Kesehatan K, Kesehatan P, Jurusan S. PEMANFAATAN TANAMAN OBAT KELUARGA OLEH ORANG TUA UNTUK KESEHATAN ANAK DI DUWET NGAWEN KLATEN Susilo Yulianto, Ag. Kirwanto. :75–80.
37. RI D. Parameter Standar Umum Ekstrak Tumbuhan Obat. 2000;
38. Arsyad R, Amin A, Waris R. TEKNIK PEMBUATAN DAN NILAI RENDAMEN SIMPLISIA DAN EKSTRAK ETANOL BIJI BAGORE (*Caesalpinia crista* L.) ASAL POLEWALI MANDAR. *Makassar Nat Prod J* [Internet]. 2023;1(3):2023–138.
39. Saparinto C, Susiana R. *Grow Your Own Medical Plan*. 2016
40. American Herbal Products Association. *Good Agricultural and Collection Practices and Good Manufacturing Practices for Botanical Material*. 2017;2021(March).
41. Ningsih IY. Saintifikasi Jamu Penanganan Pasca Panen. *Petrus*. 2022;53(4):130.
42. Kemenkes RI. *Pedoman Umum Panen dan Pascapanen Tanaman Obat*.

- Badan Litbang Kesehat Balai Besar Penelit dan Pengemb Tanam Obat Tradis. 2011;53(9):1–50.
43. Parfati ND, Rani KC, Jayani NIE. Penyiapan Simplisia Kelor. Fak Farm Univ Surabaya. 2018;1–24.
44. Organizacion Mundial de la Salud. WHO guidelines on good agricultural and collection practices (GACP) for medicinal plants. World Health [Internet]. 2003
45. Dr. Ir. Prasetyo. PENGELOLAAN TANAMAN OBAT.pdf. 2013. p. 1–61.
46. Fahmi N, Herdiana I, Rubiyanti R. PENGARUH METODE PENGERINGAN TERHADAP MUTU SIMPLISIA DAUN PULUTAN (*Urena lobata* L.). Media Inf. 2020;15(2):165–9.
47. Imansyah MZ, Alam G. Jurnal Kesehatan Yamasi Makassar. J Kesehat Yamasi Makasar. 2021;5(2):121–7.
48. Pertiwi AP. Pengaruh Metode Pengeringan Ekstrak Daun Kelor (*Moringa oleifera* Lam) Terhadap Aktivitas Antioksidan. J Penelit Farm Herb. 2023;5(2):57–69.
49. Hoffman DW. Cara Pembuatan Simplisia.
50. Depkes RI I. Farmakope Indonesia Edisi IV. Kementerian Kesehatan Republik Indonesia. 1995. p. 1470.
51. Depkes RI. Farmakope Herbal Edisi I 2008. Kementrian Kesehat Republik Indones. 2008;1–276.
52. Nuraini A, Indriani R, Ilyas R, Srihariyati, Kertawijaya K, Subagyo S, et al. Standardisasi ekstrak tumbuhan obat Indonesia, salah satu tahapan penting dalam pengembangan obat asli Indonesia. Vol. 6, InfoPOM. 2005. p. 1–12.
53. SD S, Z L, AI G. Natural Product Isolation. Ed ke-2. Humana Press. 2006;. 30-32, 340-342.
54. Waterman PG. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Biochem Syst Ecol. 1993;21(8):849.

55. Ditjen PO. Direktorat Jendral Pengawasan Obat dan Makanan Parameter Standar Umum Ekstrak Tumbuhan Obat. Kementerian Kesehat Republik Indones. 2016;Ed. I.
56. Haerani A, Syahfitri S, Handayani RP, Nursamtari RA, Hamidah M, Makoi SD, et al. Farmakognosi Dan Fitokimia. Angewandte Chemie International Edition, 6(11), 951–952. 2023. 82–95 p.
57. Sa’adah H, Nurhasnawati H, Permatasari V. Pengaruh Metode Ekstraksi Terhadap Kadar Flavonoid Ekstrak Etanol Umbi Bawang Dayak (*Eleutherine palmifolia*(L.)Merr) dengan Metode Spektrofotometri. J Borneo J Pharmascientech. 2017;01(01):1–9.
58. Prasetyo A, Winarti W, Aulia S. Parameter Mutu Dan Uji Aktivitas Antioksidan Dari Ekstrak Etanol 70% Daun Gadi Merah (*Abelmoschus Manihot* (L.) Medik. J Farmamedika (Pharmamedica Journal). 2024;9(1):122–30.
59. Sachan AK, Kumar A. Stability testing of herbal products. Available online www.jocpr.com J Chem Pharm Res
60. Departemen Kesehatan RI. Pharmaceutical Care untuk Penderita Gangguan Depresif. Koan [Internet]. 2007
61. Dwyer A V., Whitten DL, Hawrelak JA. Herbal medicines, other than St. John’s Wort, in the treatment of depression: A systematic review. Altern Med Rev. 2011;16(1):40–9.
62. Messages KEY. Psychotherapy for major depressive disorder and generalized anxiety disorder: A health technology assessment. Ont Health Technol Assess Ser. 2017;17(15):1–167.
63. Reams N, Beltran E. Neurologic disorders. The Youth Athlete: A Practitioner’s Guide to Providing Comprehensive Sports Medicine Care. 2023. 253–263 p.
64. Felthous AR. Book Review: Comprehensive Textbook of Psychiatry. J Psychiatry Law. 1989;17(1):109–13.

65. Lieberman J, Stroupt S, Perkins D. Text Book of : Schizophrenia. 2006. 6 p.
66. Van Praag HM. Can stress cause depression? Prog Neuro-Psychopharmacology Biol Psychiatry. 2004;28(5):891–907.
67. Bergdahl J, Bergdahl M. Perceived stress in adults: Prevalence and association of depression, anxiety and medication in a Swedish population. Stress Heal. 2002;18(5):235–41.
68. Thornber CW, Shaw A. Basic and Clinical Pharmacology. Vol. 12, Annual Reports in Medicinal Chemistry. 1977. 60–69 p.
69. De Groot M, Anderson R, Freedland KE, Clouse RE, Lustman PJ. Association of depression and diabetes complications: A meta-analysis. Psychosom Med. 2001;63(4):619–30.
70. Reagan LP. Diabetes as a chronic metabolic stressor: Causes, consequences and clinical complications. Exp Neurol
71. Ho N, Sommers MS, Lucki I. Effects of diabetes on hippocampal neurogenesis: Links to cognition and depression [Internet]. Vol. 37, Neuroscience and Biobehavioral Reviews. Elsevier Ltd; 2013. 1346–1362
72. Gispen WH, Biessels GJ. Cognition and synaptic plasticity in diabetes mellitus. Trends Neurosci. 2000;23(11):542–9.
73. Stone CL. Pharmacotherapy : A Pathophysiologic Approach. Geriatrics. 2011. 1–201 p.
74. Mochizuki D, Tsujita R, Yamada S, Kawasaki K, Otsuka Y, Hashimoto S, et al. Neurochemical and behavioural characterization of milnacipran, a serotonin and noradrenaline reuptake inhibitor in rats. Psychopharmacology (Berl). 2002;162(3):323–32.
75. Quesseveur G, Nguyen HT, Gardier AM, Guiard BP. 5-HT₂ ligands in the treatment of anxiety and depression. Expert Opin Investig Drugs. 2012;21(11):1701–25.
76. Ludiana L, Hasanah U, Sari SA, Fitri NL, Nurhayati S. Hubungan Faktor

Psikologis (Stres dan Depresi) Dengan Kadar Gula Darah Penderita Diabetes Mellitus Tipe 2. *J Wacana Kesehat*. 2022;7(2):61.

77. Wang Y, Zhou S, Song X, Ding S, Wang B, Wen J, et al. Study on Antidepressant Effect and Mechanism of Crocin Mediated by the mTOR Signaling Pathway. *Neurochem Res*
78. Carmichael O, Lockhart S. Neurotrophins and. Brain Imaging Behav Neurosci [Internet]. 2012;(November 2011):289–320.
79. Li HY, Wang J, Liang LF, Shen SY, Li W, Chen XR, et al. Sirtuin 3 Plays a Critical Role in the Antidepressant- and Anxiolytic-like Effects of Kaempferol. *Antioxidants*. 2022;11(10).
80. Markov DD, Novosadova E V. Chronic Unpredictable Mild Stress Model of Depression: Possible Sources of Poor Reproducibility and Latent Variables. *Biology (Basel)*. 2022;11(11).
81. Information NC for B. PubChem Compound Summary for CID 11065, Amitriptyline Hydrochloride. 2024;
82. Azanjac-Arsić A. Neuropathic pain: Definition, classification and treatment. *Galen Med J*. 2024;3(9):28–33.
83. Nur Kusuma Wardani H, Budi Pramono W, Gumbreg No J, Mersi K, Purwokerto Selatan K, Banyumas K. Drug Interactions and Contraindications Anesthesia Drugs in Psychiatric Patients Interaksi Dan Kontraindikasi Obat-Obatan. *JosUnsoedAcId*
84. Hau J, Van Hoosier G. Handbook of laboratory animal science, second edition: Essential principles and practices. Vol. 1, Handbook of Laboratory Animal Science, Second Edition: Essential Principles and Practices. 2002. 1–569 p.
85. Phifer-Rixey M, Nachman MW. Insights into mammalian biology from the wild house mouse *Mus musculus*. *Elife*. 2015;2015(4):1–13.
86. Moriwaki K, Shiroishi T, Yonekawa H. Genetics in Wild Mice. 1994;

87. Sartori SB, Landgraf R, Singewald N. Models of enhanced anxiety. *Rev Lit Arts Am.* 2011;531–71.
88. Haryo A, Dwi S, Yuliana R. *Dasar Forensik Veteriner* [Internet]. UB Press; 2021.
89. Dewajanthi AM, Limanto A, Clarita C, Fidelia A. Hypoglycemic and Antioxidant Activities in Extracts Star Anise (*Illicium Verum* Hook.f) on Wistar Rat (*Rattus norvegicus*) Diabetes. *Indones J Biotechnol Biodivers.* 2020;4(1):34–43.
90. Porsolt RD, Bertin A, Jalfre M. “Behavioural despair” in rats and mice: Strain differences and the effects of imipramine. *Eur J Pharmacol.* 1978;51(3):291–4.
91. Rodgers RJ, Dalvi A. Anxiety, defence and the elevated plus-maze. *Neurosci Biobehav Rev.* 1997;21(6):801–10.
92. Rodgers RJ, Shepherd JK. Influence of prior maze experience on behaviour and response to diazepam in the elevated plus-maze and light/dark tests of anxiety in mice. *Psychopharmacology (Berl).* 1993;113(2):237–42.
93. Yanti S, Vera Y. Skrining fitokimia ekstrak daun belimbing wuluh (*Averrhoa bilimbi*). *J Kesehat Ilm Indones (Indonesian Heal Sci Journal).* 2019;4(2):41–6.
94. Farmakope Herbal. *Herbal Indonesia Herbal, Pocket Handb Nonhum Primate Clin Med.* 2017;307–10.
95. Ramadhan MA, Rini GH, Azhahra RD, Zahra N, Raissa TH, Meizora BC, et al. Uji Efektivitas Antidepresan Obat Herbal Kapsul Ekstrak Daun Pegagan (*Centella asiatica* L.) Pada Mencit Dengan Metode Forced Swimming Test. *BIO-SAINS J Ilm Biol.* 2023;3(1):23–30.
96. Lamadjido SR, Umrah U, Jamaluddin J. Formulasi dan Analisis Nilai Gizi Bakso Kotak dari Jamur Tiram Putih (*Pleurotus Ostreatus*). *J Farm Galen (Galenika J Pharmacy).* 2019;5(2):166–74.

97. Soedani N. Buku Pengantar Teknologi Farmasi. 5th ed. Yogyakarta; Universitas Gadjah Mada Press; 1994.
98. Iwansyah AC, Desnilasari D, Agustina W, Pramesti D, Indriati A, Mayasti NKI, et al. Evaluation on the physicochemical properties and mineral contents of averrhoa bilimbi l. Leaves dried extract and its antioxidant and antibacterial capacities. Food Sci Technol. 2021;41(4):987–92.
99. Best J, Reed M, Nijhout HF. Models of dopaminergic and serotonergic signaling. Pharmacopsychiatry. 2010;43(SUPPL 1):61–6.
100. Xu Y, Ma L, Jiang W, Li Y, Wang G, Li R. Study of Sex Differences in Duloxetine Efficacy for Depression in Transgenic Mouse Models. Front Cell Neurosci. 2017;11(October):1–13.
101. Shivananda A, Muralidhara Rao D, Jayaveera KN. Analgesic and anti-inflammatory activities of citrus maxima (j.burm) merr in animal models. Res J Pharm Biol Chem Sci. 2013;4(2):1800–10.
102. Hawari D. Manajemen Stres Cemas Dan Depresi. Jakarta Balai Penerbit Fak Kedokt Univ Indones. 2018;
103. T A. Efek antidepresan ekstrak larut air akar kuning Arcangelisia flava (L.) Merr pada mencit Balb-C ditinjau dari immobility time dengan metode forced swim test. Skripsi Fak Farm Univ Gadjah Mada. 2014;
104. Goel R, Bhardwaj S, Bana S. Pharmaceutical excipients. Dos Forms, Formul Dev Regul Recent Futur Trends Pharm Vol 1. 2023;1:311–48.
105. Korte SM, De Boer SF. A robust animal model of state anxiety: Fear-potentiated behaviour in the elevated plus-maze. Eur J Pharmacol. 2003;463(1–3):163–75.
106. Smith J et al. Thermal Stress Modulation in Rodent Models of Depression. 2020;
107. Gupta A et al. Inflammatory Markers in Heat-Induced Depression. Psychoneuroendocrinology. 2022;

108. Dhawan K, Kumar S, Sharma A. Anti-anxiety studies on extracts of *Passiflora incarnata* Linneaus. *J Ethnopharmacol*. 2001;78(2–3):165–70.
109. Sukumaran NP, Amalraj A, Gopi S. Neuropharmacological and cognitive effects of *Bacopa monnieri* (L.) Wettst – A review on its mechanistic aspects. *Complement Ther Med*
110. Lee H, Kim S. Acute vs chronic stress responses in elevated plus maze: Behavioral and neurochemical differences. *Behav Brain Res* 398, 112965. 2021;
111. Mechiel Korte S, De Boer SF, Bohus B. Fear-potentiation in the elevated plus-maze test depends on stressor controllability and fear conditioning. *Stress*. 1999;3(1):27–40.
112. Putu N, Krisna Y, Ningsih D, Leviana F. UJI AKTIVITAS ANTIDEPRESAN EKSTRAK ETANOL DAUN SINGKONG (*Manihot esculenta* C .) PADA MENCIT PUTIH JANTAN DENGAN METODE FORCED SWIMMING TEST. 2024;21(2):217–24.
113. Khanifah F, Sari EP, Susanto A, Abstrak IA. EFEKTIVITAS KOMBINASI EKSTRAK ETANOL KUNYIT (*Curcuma longa* linn.) DAN COKLAT (*Theobroma cacao*) SEBAGAI KANDIDAT ANTIDEPRESAN PADA TIKUS PUTIH (*Rattus norvegicus*) GALUR WISTAR EFFECTIVENESS OF COMBINATION ETHANOL EXTRACT OF TURMERIC (*Curcuma longa* linn.) A. J Wiyati. 2021;8(2):103–10.
114. Nurfahanum R. Gambaran Penggunaan Obat Antidepresan Pada Pasien Depresi Di RSUD Embung Fatimah Kota Batam Periode Januari - Desember 2020. *J Heal Sains*. 2022;3(3):477–87.