

DAFTAR PUSTAKA

1. Saraswati M, Harmastuti N, Herdwiani W. Aktivitas Sitotoksik dan Ekspresi Protein p53 Bcl-2 Ekstrak dan Fraksi Daun Kersen (*Muntingia calabura* L.) terhadap Sel Kanker Payudara T47D. *Pharm J Indones* 2020;17(02):292–303.
2. Siegel RL. Cancer statistics , 2022. 2022;72(1):7–33.
3. Sabale P, Sayyad N, Ali A, et al. Design, synthesis, molecular docking and in vitro anticancer activities of 1-(4-(benzamido)phenyl)-3-arylurea derivatives. *RSC Adv* 2024;14(33):23785–23795.
4. Suvannang N, Nantasenamat C, Isarankura-Na-Ayudhya C, Prachayasittikul V. Molecular docking of aromatase inhibitors. *Molecules* 2011;16(5):3597–3617.
5. Rahmawati AM, Anam K, Sasikirana W. Review Artikel : Potensi Daun Pepaya (*Carica papaya* L.) sebagai Antikanker. *Generics J Res Pharm* 2023;3(1):27–35.
6. Safitri TN. Potensi Ekstrak Lamun (*Enhalus acoroides*) Sebagai Antikanker Terhadap Jaringan Hepar Mencit (*Mus musculus* L.). 2022;
7. Ilango S, Sahoo DK, Paital B, et al. A Review on *Annona muricata* and Its Anticancer Activity. *Cancers (Basel)* 2022;14(4539):1–31.
8. Sukohar A, Suharyani, Sutyarso, Busman H. Antioxidant and Cytotoxic Activities of Melinjo (*Gnetum gnemon* L.) Seed Fractions on HeLa Cell Line. *Nat Prod Pharmacogn* 2022;14(3):559–564.
9. kok R De, Briggs M, Pirnanda D, Girmansyah and D. Identifying Targets of Plant Coservation in Harapan rainforest, Sumatra. *Trop Conserv Sci* 2015;8(1):28–32.
10. Setiawan E, Darnaedi D, Mitra Setia T, D. Knott C. Sebaran dan Kelimpahan Jenis Invasif *Bellucia pentamera* Naudin di Taman Nasional Gunung Palung, Kalimantan Barat. *J Penelit Hutan dan Konserv Alam* 2022;19(2):249–263.
11. Salni, Sari Y. Uji Aktifitas Antibakteri Fraksi dan Senyawa Aktif Ekstrak Daun Kardia (*Bellucia pentamera* Naudin) Terhadap *Escheria coli* dan *Staphylococcus aureus*. 2017;
12. Nasra L, Solfiyeni, Chairul. The Extrack Of *Bellucia Pentamera* Naudin Leaves As Bioherbicide Of The *Chromolaena odorata*(L.). 2023;13:168–175.
13. Nurhayati APD, Rihandoko A, Fadlan A, Ghaissani SS. Anti-cancer potency by induced apoptosis by molecular docking P53 analysis. *Saudi Pharm J* [homepage on the Internet] 2022;30(9):1345–1359. Available from: <https://www.sciencedirect.com/science/article/pii/S1319016422001591>
14. GUTIÉRREZ MOSQUERA A. Actividad Antioxidante Y Contenido Total De Fenoles De Varios Extractos Etanólicos De Plantas Medicinales. *Rev Investig Biodivers Y Desarro* 2011;30(1):66–73.
15. Gembong Tjitrosoepomo. Taksonomi Tumbuhan (Spermatophyta). Yogyakarta: Gadjah Mada University Press, 2013;
16. Renner S. Reproductive biology of *Bellucia* (Melastomataceae). *Acta Amaz* 1987;16–17:197–208.
17. Kudo, Yoshihumi Mutaqien ZS, Herwin, Suzuki E. Spread of Invasive Plants along Trails in Two National Parks in West Java, Indonesia. *Tropics* 2014;23(3):99–110.
18. Yuliana S, Lekitoo K. Tumbuhan asing invasif di areal Kesatuan Pengelolaan Hutan Lindung (KPHL) Kota Sorong , Papua Barat Invasive alien plants of Sorong City Protected Forest Management Unit (PFMU) , West Papua. 2018;4(Issg):92–96.
19. Fendiyanto. et al. IAS (Invasive Alien Species) *Clidemia hirta* D.Don sebagai Antibakteri dalam Upaya Mengatasi Penyakit Tifus. Bogor: 2014;
20. Permana RCE. Masyarakat Baduy dan Pengobatan Tradisional Berbasis Tanaman. *J Wacana* 2009;11(1):81–94.
21. Slik F. Plants of Southeast Asia: *Bellucia pentamera* Naudin. *Ann Sci Nat* [homepage on the Internet] 2009;Bot. Sér.(16: 105):1851. Available from: <http://www.asianplant.net>.
22. Marisa H. Ecophysiology *Bellucia pentamera* Naudin Potency as a Natural resource of Medicine ; Change its Status From Invasive to Useful plant. 2023;05(01):1–4.
23. Series C. The Effectivity of Jambu Akasia (*Bellucia Pentamera* Naudin) fruit extract for killing the *Aedes aegypti* L . Larvae The Effectivity of Jambu Akasia (*Bellucia Pentamera* Naudin) fruit extract for killing the *Aedes aegypti* L . Larvae. :3–6.
24. Rafael TDMCM, Ana KPB, Amara iacute na MA, Raphael SP. Antimicrobial and phytotoxicity activities of aqueous crude extract from the Amazonian ethnomedicinal

- plant *Bellucia grossularioides* (L.) Triana. *J Med Plants Res* 2016;10(10):130–138.
25. Souza MCS de, Moura VM de, Mourão RHV, Fachin-Espinar MT, Nunez CV, Dos-Santos MC. Antimicrobial activity of Amazonian plant species against the causative agents of secondary infection in snakebites. *Rev Fitos* 2021;15(3):280–297.
26. Marcela D, Serna O, Hipólito J, Martínez I. Phenolics and Polyphenolics from Melastomataceae Species. 2015;17818–17847.
27. Ghaissani SS, Puji A, Nurhayati D, Azzahra V. Computational Model of Trisindoline 1 Conjugate to Protein P53 and P53R2 : Targets For Breast Cancer Therapy. *Adv Biol Sci Res* 2022;22(Icbs 2021):310–320.
28. Suyanto P, Utomo A, Sandra F. Mutasi Gen p53: Faktor Prediktif Kanker Payudara? *Indones J Cancer* 2008;4:138–143.
29. Wali AF, Pillai JR, Talath S, et al. Phytochemicals in Breast Cancer Prevention and Treatment: A Comprehensive Review. *Curr Issues Mol Biol* 2025;47(1):1–28.
30. Hosseini A, Ghorbani A. Cancer therapy with phytochemicals: evidence from clinical studies. *Avicenna J phytomedicine [homepage on the Internet]* 2015;5(2):84–97. Available from: <http://www.ncbi.nlm.nih.gov/pubmed/25949949> <http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=PMC4418057>
31. Farhan M, Rizvi A. The Pharmacological Properties of Red Grape Polyphenol Resveratrol: Clinical Trials and Obstacles in Drug Development. *Nutrients* 2023;15(20).
32. li MLG, Krett NL, Miller LA, et al. T47Dco Cells , Genetically Unstable and Containing Estrogen Receptor Mutations , Are a Model for the Progression of Breast Cancers to Hormone Resistance1. 1990;6208–6217.
33. Hurd C, Khattree N, Alban P, et al. Hormonal regulation of the p53 tumor suppressor protein in T47D human breast carcinoma cell line. *J Biol Chem* 1995;270(48):28507–28510.
34. Jabbar SA, Twentyman PR, Watson J V. The MTT assay underestimates the growth inhibitory effects of interferons. *Br J Cancer* 1989;60(4):523–528.
35. Walker JM. *Mammalian Cell Viability*. London: Humana Press, 2011;
36. Eweas AF, Maghrabi IA, Namarneh AI. Advances in molecular modeling and docking as a tool for modern drug discovery. 2014;6(6):211–228.
37. Setiawan H, Irawan MI. Kajian Pendekatan Penempatan Ligan Pada Protein Menggunakan Algoritma Genetika. *J Sains dan Seni ITS* 2017;6(2):2–6.
38. Niessen WMA. *Liquid Chromatography-Mass Spectrometry*. 3rd Editio. CRC Press, 2006;
39. Lloyd R. Snyder, Joseph J. Kirkland JWD. *Introduction to Modern Liquid Chromatography*. 2009;
40. Banerjee S, Mazumdar S. Electrospray Ionization Mass Spectrometry: A Technique to Access the Information beyond the Molecular Weight of the Analyte. *Int J Anal Chem* 2012;2012:1–40.
41. Nursanti O, Aziz A, Hadisoebroto G. Prediksi Toksisitas dan Farmakokinetika untuk mendapatkan Kandidat Obat Analgesik. *J Noncommunicable Dis* 2023;3(1):34.
42. Nursanti O. Docking Dan Uji Toksisitas Secara Insilico Untuk Mendapatkan Kandidat Obat Analgesik. *INPHARMED J (Indonesian Pharm Nat Med Journal)* 2022;6(1):35.
43. Azmir J, Zaidul ISM, Rahman MM, et al. Techniques for extraction of bioactive compounds from plant materials: A review. *J Food Eng [homepage on the Internet]* 2013;117(4):426–436. Available from: <https://www.sciencedirect.com/science/article/pii/S0260877413000277>
44. Kiani HS, Ali B, Al-Sadoon MK, Al-Otaibi HS, Ali A. LC-MS/MS and GC-MS Identification of Metabolites from the Selected Herbs and Spices, Their Antioxidant, Anti-Diabetic Potential, and Chemometric Analysis. *Processes*. 2023;11(9).
45. Sun Y, Alseekh S, Fernie AR. Plant secondary metabolic responses to global climate change : A meta- - analysis in medicinal and aromatic plants. 2023;(July 2022):477–504.
46. Oliveira G, Cunha S, Moreira D, et al. South African Journal of Botany Chemical constituents and cytotoxic activity of *Miconia burchellii* Triana (Melastomataceae) leaves. 2021;137:345–350.

47. Xiaozeng Lin, Ying Dong, Yan Gu, Anil Kapoor, Fengxiang Wei, Yanjun Wang, Chengzhi Yang, Armaan Gill and Damu Tang, Jingyi Peng, Yingying Su SVN. Taxifolin Inhibits Breast Cancer Growth by Facilitating CD8 + T Cell Infiltration and Inducing a Novel Set of Genes including. *Cancers (Basel)* 2023;15:1–24.
48. Pitchai D, Roy A, Ignatius C. In vitro evaluation of anticancer potentials of lupeol isolated from *Elephantopus scaber* L. on MCF-7 cell line. 2014;5(4):179–184.
49. Filimonov DA, Lagunin AA, Gloriovova TA, et al. Prediction of the biological activity spectra of organic compounds using the pass online web resource. *Chem Heterocycl Compd* 2014;50(3):444–457.
50. Stegemann S, Moreton C, Svanbäck S, Box K, Motte G, Paudel A. Trends in oral small-molecule drug discovery and product development based on product launches before and after the Rule of Five. *Drug Discov Today* [homepage on the Internet] 2023;28(2):103344. Available from: <https://doi.org/10.1016/j.drudis.2022.103344>
51. Arundina I, Frimayanti N, Surboyo MDC, et al. In Silico Study of Liquid Smoke Rice Husk against COVID-19. *Eur J Dent* 2023;17(2):492–496.
52. Monks A, Scudiero D, Skehan P, et al. Feasibility of a High-Flux Anticancer Drug Screen Using a Diverse Panel of Cultured Human Tumor Cell Lines. *JNCI J Natl Cancer Inst* [homepage on the Internet] 1991;83(11):757–766. Available from: <https://doi.org/10.1093/jnci/83.11.757>
53. Naufa F, Mutiah R, Yen Y, Indrawijaya A. Studi in Silico Potensi Senyawa Katekin Teh Hijau (*Camellia sinensis*) sebagai Antivirus SARS CoV-2 terhadap Spike Glycoprotein (6LZG) dan Main Protease (5R7Y). *JFood PharmSci* [homepage on the Internet] 2022;2022(1):584–596. Available from: www.journal.ugm.ac.id/v3/JFPA
54. Verma S, Grover S, Tyagi C, et al. Hydrophobic interactions are a key to MDM2 inhibition by polyphenols as revealed by molecular dynamics simulations and MM/PBSA free energy calculations. *PLoS One* 2016;11(2):1–14.
55. Li J, Hu L, Zhou T, et al. Taxifolin inhibits breast cancer cells proliferation, migration and invasion by promoting mesenchymal to epithelial transition via β -catenin signaling. *Life Sci* 2019;232(June).
56. Haque MW, Siddique MUM, Bose P, Pattanayak SP. Taxifolin possesses anti-cancer activity on the 7, 12-Dimethylbenz (a) anthracene-Induced breast cancer in the sprague dawley rats by remodeling nuclear factor Erythroid 2-Kelch-like ECH-associated protein 1-heme oxygenase 1 and anti-oxidant pathways. *Pharmacogn Mag* 2018;14(55s).
57. Marvalim C, Datta A, Lee SC. Role of p53 in breast cancer progression: An insight into p53 targeted therapy. *Theranostics* 2023;13(4):1421–1442.
58. Duangmano S, Dakeng S, Jiratchariyakul W, Suksamrarn A, Smith DR, Patmasiriwat P. Antiproliferative effects of cucurbitacin B in breast cancer cells: down-regulation of the c-Myc/hTERT/telomerase pathway and obstruction of the cell cycle. *Int J Mol Sci* 2010;11(12):5323–5338.
59. Varela C, Melim C, Neves BG, et al. Cucurbitacins as potential anticancer agents: new insights on molecular mechanisms. *J Transl Med* [homepage on the Internet] 2022;20(1):1–16. Available from: <https://doi.org/10.1186/s12967-022-03828-3>
60. Duangmano S, Sae-lim P, Suksamrarn A, Domann FE, Patmasiriwat P. Cucurbitacin B inhibits human breast cancer cell proliferation through disruption of microtubule polymerization and nucleophosmin/B23 translocation. *BMC Complement Altern Med* 2012;12.
61. Kitchen DB, Decornez H, Furr JR, Bajorath J. Docking and scoring in virtual screening for drug discovery: methods and applications. *Nat Rev Drug Discov* [homepage on the Internet] 2004;3(11):935–949. Available from: <https://doi.org/10.1038/nrd1549>
62. Brueggemeier RW, Hackett JC, Diaz-Cruz ES. Aromatase inhibitors in the treatment of breast cancer. *Endocr Rev* 2005;26(3):331–345.
63. Johnston SRD, Dowsett M. Aromatase inhibitors for breast cancer: Lessons from the laboratory. *Nat Rev Cancer* 2003;3(11):821–831.
64. Cos P, Vlietinck AJ, Berghe D Vanden, Maes L. Anti-infective potential of natural products: How to develop a stronger in vitro 'proof-of-concept'. *J Ethnopharmacol* [homepage on the Internet] 2006;106(3):290–302. Available from: <https://www.sciencedirect.com/science/article/pii/S0378874106001851>

65. Wagner H, Ulrich-Merzenich G. Synergy research: Approaching a new generation of phytopharmaceuticals. *Phytomedicine* [homepage on the Internet] 2009;16(2):97–110. Available from: <https://www.sciencedirect.com/science/article/pii/S0944711308002559>
66. Williamson EM. Synergy and other interactions in phytomedicines. *Phytomedicine* [homepage on the Internet] 2001;8(5):401–409. Available from: <https://www.sciencedirect.com/science/article/pii/S0944711304700586>

