

DAFTAR PUSTAKA

1. Bray F, Ferlay J, Soerjomataram I, Siegel RL, Torre LA, Jemal AJCacjfc. Global cancer statistics 2018: GLOBOCAN estimates of incidence and mortality worldwide for 36 cancers in 185 countries. 2018;68(6):394-424.
2. Torre LA, Bray F, Siegel RL, Ferlay J, Lortet-Tieulent J, Jemal AJCacjfc. Global cancer statistics, 2012. 2015;65(2):87-108.
3. Kummar A, Aster. Robbins Basic Pathology 10 th edition. 2018.
4. RI PDdIKK. Situasi Penyakit Kanker. Buletin Jendela Data dan Informasi Kesehatan. 2015.
5. wahyu Nur halimah¹ WRP, Mae Sri Hartati Wahyuningsih². Efek Kombinasi Ekstrak Tithoniha Diversifolia (Hemsley grey dan Curcuma Domestica Val terhadap nodul dan berat badan tikus model kanker). Majalah Farmaseutik. 2017;Vol. 13 No.1:28-37.
6. Retno Arianingrum RS, Edy Meiyanto, dan Sofi a Mubarika. AP Ekspresi Protein Bcl-2 dan Bax pada Sel Kanker Payudara MCF-7 Pengaruh p-Hidroksi m-Metoksi Kalkon (pHmMK) Terhadap Ekspresi Protein Bcl-2 dan Bax. 2016.
7. Miller KD, Siegel RL, Lin CC, Mariotto AB, Kramer JL, Rowland JH, et al. Cancer treatment and survivorship statistics, 2016. 2016;66(4):271-89.
8. Service NH. Treatment Breast Cancer In Woman 2016 september 26 [Available from: <https://www.nhs.uk/conditions/breast-cancer/treatment/>].
9. Van Dyk K, Crespi CM, Bower JE, Castellon SA, Petersen L, Ganz PAJc. The cognitive effects of endocrine therapy in survivors of breast cancer: A prospective longitudinal study up to 6 years after treatment. 2018.
10. Ismail IJINJ. Faktor Yang Mempengaruhi Keputusan Masyarakat Memilih Obat Tradisional Di Gampong Lam Ujong. 2015;6(1):7-14.
11. Liana YJKdKPIFKUS. Analisis faktor-faktor yang mempengaruhi keluarga dalam penggunaan obat tradisional sebagai swamedikasi di Desa Tuguharum Kecamatan Madang Raya. 2017;4(3):121-8.
12. Okubo S, Husodo T, Takeuchi K, Muhamad D. Biodiversity issues in Indonesia, with special reference to biodiversity in human-dominated landscapes. The Biodiversity Observation Network in the Asia-Pacific Region: Springer; 2012. p. 93-110.

13. Wahab A, Mariam S, Jantan I, Haque M, Arshad LJFip. Exploring the Leaves of *Annona muricata* L. as a Source of Potential Anti-inflammatory and Anticancer Agents. 2018;9:661.
14. dan BPO. Kriteria dan Tatalaksana Pendaftaran Obat Tradisional, Obat Herbal Terstandar dan Fitofarmaka. 2005.
15. Dwitiyanti. Daun Jambu Biji (*Psidium guajava* L.) Sebagai Antikanker Payudara. 2017.
16. Mittal S, Kaur H, Gautam N, Mantha AKJB, Bioelectronics. Biosensors for breast cancer diagnosis: A review of bioreceptors, biotransducers and signal amplification strategies. 2017;88:217-31.
17. Kanker KNPJKKRITdhkkgigPPp. Pedoman nasional pelayanan kedokteran kanker payudara.
18. Svec D, Tichopad A, Novosadova V, Pfaffl MW, Kubista MJBd, quantification. How good is a PCR efficiency estimate: Recommendations for precise and robust qPCR efficiency assessments. 2015;3:9-16.
19. Prevention CfDCa. Breast cancer 2018 september 11 [Available from: https://www.cdc.gov/cancer/breast/basic_info/what-is-breast-cancer.htm].
20. Smith RA, Andrews K, Brooks D, DeSantis CE, Fedewa SA, Lortet-Tieulent J, et al. Cancer screening in the United States, 2016: A review of current American Cancer Society guidelines and current issues in cancer screening. *CA Cancer J Clin*. 2016;66(2):96-114.
21. Chahar MK, Sharma N, Dobhal MP, Joshi YCJPr. Flavonoids: A versatile source of anticancer drugs. 2011;5(9):1.
22. Society AC. Treatment of Breast Cancer by Stage 2018 february 2 [Available from: <https://www.cancer.org/cancer/breast-cancer/treatment/treatment-of-breast-cancer-by-stage.html>].
23. Society AC. Treatment of breast Cancer Stafes I-III 2019 january 7 [Available from: <https://www.cancer.org/cancer/breast-cancer/treatment/treatment-of-breast-cancer-by-stage/treatment-of-breast-cancer-stages-i-iii.html>].
24. Petra den Hollander MISaPHB. Targeted therapy for breast cancer prevention 2013 september 23 [
25. Johnson-Arbor K, Patel H, Dubey R. Doxorubicin. *StatPearls* [Internet]: StatPearls Publishing; 2019.
26. Weinman JCS. Mechanisms of doxorubicin resistance in hepatocellular carcinoma. 2016.

27. Yeruva SLH, Nwabudike SM, Ogbonna OH, Oneal PJ. Aromatase inhibitor-induced erythrocytosis in a patient undergoing hormonal treatment for breast cancer. 2015;2015.
28. Kummur A, Aster. Robbins Basic Pathology 10 th Edition 2018.
29. Yang G, Nowsheen S, Aziz K, Georgakilas AGJP, therapeutics. Toxicity and adverse effects of Tamoxifen and other anti-estrogen drugs. 2013;139(3):392-404.
30. Greenberg E, McColl K, Zhong F, Wildey G, Dowlati A, Distelhorst CJ, et al. Synergistic killing of human small cell lung cancer cells by the Bcl-2-inositol 1, 4, 5-trisphosphate receptor disruptor BIRD-2 and the BH3-mimetic ABT-263. 2015;6(12):e2034.
31. Um H-DJO. Bcl-2 family proteins as regulators of cancer cell invasion and metastasis: a review focusing on mitochondrial respiration and reactive oxygen species. 2016;7(5):5193.
32. Ashkenazi A, Fairbrother WJ, Levenson JD, Souers AJ. From basic apoptosis discoveries to advanced selective BCL-2 family inhibitors. 2017;16(4):273.
33. Nurani LH. Uji Sitotoksitas Dan Antiproliferatif Sel Kanker Payudara T47D Dan Sel Vero Biji Nigella sativa, L. Jurnal Ilmiah Kefarmasian. 2012;2:17-29.
34. KLYMKOWSKY EBLAMW. Epithelial Tonofilaments: Investigating Their Form and Function Using Monoclonal Antibodies 016.
35. Brody T. FDA's Drug Review Process and the Package Label: Strategies for Writing Successful FDA Submissions: Academic Press; 2017.
36. Sebaugh JL. Guidelines for accurate EC50/IC50 estimation. Pharm Stat. 2011;10(2):128-34.
37. Yifeng He QL, Qiuqing Zhu, Mo Chen, Qihong Huang, Wenjing Wang, Yuting Huang, Wen Di. The changing 50% inhibitory concentration (IC50) of cisplatin a pilot study on the artifacts of the MTT assay and the precise measurement of density-dependent chemoresistance in ovarian cancer. Oncotarget. 2016;7.
38. Prosedur Tetap Uji Sitotoksik Metode MTT [Internet]. [cited January 01 2020]. Available from: http://ccrc.farmasi.ugm.ac.id/wp-content/uploads/10_sop-uji-sitotoksik-metode-mtt.pdf.
39. Tania Nolan JH, Elena Sanchez Good practice guide for the application of quantitative PCR (qPCR) 2013.

40. Adefegha SA, Oyeleye SI, Oboh GJBri. Distribution of phenolic contents, antidiabetic potentials, antihypertensive properties, and antioxidative effects of soursop (*Annona muricata* L.) fruit parts in vitro. 2015;2015.
41. Panche A, Diwan A, Chandra SJJons. Flavonoids: an overview. 2016;5.
42. Xu B-Q, Zhang Y-QJAJoT, Complementary, Medicines A. Bioactive components of *Gynura divaricata* and its potential use in health, food and medicine: a mini-review. 2017;14(3):113-27.
43. Colic M, Pavelic KJJomM. Molecular mechanisms of anticancer activity of natural dietetic products. 2000;78(6):333-6.
44. Zhang HW, Hu JJ, Fu RQ, Liu X, Zhang YH, Li J, et al. Flavonoids inhibit cell proliferation and induce apoptosis and autophagy through downregulation of PI3Kgamma mediated PI3K/AKT/mTOR/p70S6K/ULK signaling pathway in human breast cancer cells. *Sci Rep*. 2018;8(1):11255.
45. Abotaleb M, Samuel SM, Varghese E, Varghese S, Kubatka P, Liskova A, et al. Flavonoids in Cancer and Apoptosis. *Cancers (Basel)*. 2018;11(1).
46. Zuddin RR, Abadi HJJDF. Uji Toksisitas Ekstrak Etanol Daun Sirsak (*Annona Muricata* L.) Pada Larva Udang (*Artemia Salina* Leach.). 2019;1(1):30-9.
47. Dar RA, Shahnawaz M, Qazi PHJ. General overview of medicinal plants: A review. *Journal of Phytopharmacology*. 2017;6(6):349-51.
48. Bribi NJAJoB. Pharmacological activity of Alkaloids: A Review. 2018;1.
49. Rosa L, Silva N, Soares N, Monteiro M, Teodoro AJNFS. Anticancer properties of phenolic acids in colon cancer—a review. 2016;6(2).
50. Rosa LS, Jordao NA, da Costa Pereira Soares N, deMesquita JF, Monteiro M, Teodoro AJ. Pharmacokinetic, Antiproliferative and Apoptotic Effects of Phenolic Acids in Human Colon Adenocarcinoma Cells Using In Vitro and In Silico Approaches. *Molecules*. 2018;23(10).
51. Berhardt LV. Triterpenids: Synthesis, Use in Cancer Treatment and other Biological Activites 2016 january [
52. Deeb D, Gao X, Liu YB, Pindolia K, Gautam SC. Pristimerin, a quinonemethide triterpenoid, induces apoptosis in pancreatic cancer cells through the inhibition of pro-survival Akt/NF-kappaB/mTOR signaling proteins and anti-apoptotic Bcl-2. *Int J Oncol*. 2014;44(5):1707-15.

53. Wang H, Haridas V, Gutterman JU, Xu Z-XJC, biology i. Natural triterpenoid avicins selectively induce tumor cell death. 2010;3(3):205-8.
54. Heleno SA, Martins A, Queiroz MJR, Ferreira ICJFc. Bioactivity of phenolic acids: Metabolites versus parent compounds: A review. 2015;173:501-13.
55. Sytar O, Hemmerich I, Zivcak M, Rauh C, Brestic MJSjobs. Comparative analysis of bioactive phenolic compounds composition from 26 medicinal plants. 2018;25(4):631-41.
56. Tan H-L, Chan K-G, Pusparajah P, Lee L-H, Goh B-HJFip. *Gynura procumbens*: an overview of the biological activities. 2016;7:52.
57. Singhal SS, Singh SP, Singhal P, Horne D, Singhal J, Awasthi SJT, et al. Antioxidant role of glutathione S-transferases: 4-Hydroxynonenal, a key molecule in stress-mediated signaling. 2015;289(3):361-70.
58. Li J, Feng J, Wei H, Liu Q, Yang T, Hou S, et al. The Aqueous Extract of *Gynura divaricata* (L.) DC. Improves Glucose and Lipid Metabolism and Ameliorates Type 2 Diabetes Mellitus. *Evid Based Complement Alternat Med*. 2018;2018:8686297.
59. Xu BQ, Yang P, Zhang YQ. Hypoglycemic activities of lyophilized powder of *Gynura divaricata* by improving antioxidant potential and insulin signaling in type 2 diabetic mice. *Food Nutr Res*. 2015;59:29652.
60. Galluzzi L, Vitale I, Aaronson SA, Abrams JM, Adam D, Agostinis P, et al. Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. *Cell Death Differ*. 2018;25(3):486-541.
61. Riaz M, van Jaarsveld MT, Hollestelle A, Prager-van der Smissen WJ, Heine AA, Boersma AW, et al. miRNA expression profiling of 51 human breast cancer cell lines reveals subtype and driver mutation-specific miRNAs. 2013;15(2):R33.
62. Cope LM, Fackler MJ, Lopez-Bujanda Z, Wolff AC, Visvanathan K, Gray JW, et al. Do breast cancer cell lines provide a relevant model of the patient tumor methylome? 2014;9(8):e105545.
63. Dai X, Cheng H, Bai Z, Li JJJoc. Breast cancer cell line classification and its relevance with breast tumor subtyping. 2017;8(16):3131.
64. Abotaleb M, Samuel SM, Varghese E, Varghese S, Kubatka P, Liskova A, et al. Flavonoids in cancer and apoptosis. 2019;11(1):28.
65. Widayastuti DA, Nurdyansyah F, Nurdyansyah F. Mini Review: Ekstrak Sirsak (*Annona muricata* Linn.) untuk Terapi Kanker. *Jurnal Ilmu Pangan dan Hasil Pertanian*. 2019;2(2).

66. Mohamad Rosdi MN, Mohd Arif S, Abu Bakar MH, Razali SA, Mohamed Zulkifli R, Ya'akob H. Molecular docking studies of bioactive compounds from *Annona muricata* Linn as potential inhibitors for Bcl-2, Bcl-w and Mcl-1 antiapoptotic proteins. *Apoptosis*. 2017;23(1):27-40.
67. Chan WJJ, McLachlan AJ, Hanrahan JR, Harnett JEJoP, Pharmacology. The safety and tolerability of *Annona muricata* leaf extract: a systematic review. 2020;72(1):1-16.
68. Sobeh M, Mahmoud MF, Hasan RA, Abdelfattah MA, Sabry OM, Ghareeb MA, et al. Tannin-rich extracts from *Lannea stuhlmannii* and *Lannea humilis* (Anacardiaceae) exhibit hepatoprotective activities in vivo via enhancement of the anti-apoptotic protein Bcl-2. 2018;8(1):9343.
69. Patel MS, Patel JKJoP, Phytochemistry. A review on a miracle fruits of *Annona muricata*. 2016;5(1):137.
70. Ameer OZ, Salman IM, Asmawi MZ, Ibraheem ZO, Yam MF. *Orthosiphon stamineus*: traditional uses, phytochemistry, pharmacology, and toxicology. *J Med Food*. 2012;15(8):678-90.
71. Delgado-Vergas M, Fort S, Tassew D, Tesfaigzi YJb. Bmf Facilitates Protein Degradation and Reduces Beclin1 Ubiquitination to Inhibit Autophagy Independent of mTOR. 2020.
72. Mulyati GD, Nurani LH, Widyarini S. Effects of Co-Chemotherapy Ethyl Acetate Fraction of *Eurycoma Longifolia* Jack Roots and Doxorubicin against Apoptosis through Expression P53 Mutant and Bcl-2. *Jurnal Kedokteran dan Kesehatan Indonesia*. 2017;8(1):68-77.
73. Ibrahim AB, Zaki HF, Ibrahim WW, Omran MM, Shouman SAJTR. Evaluation of tamoxifen and simvastatin as the combination therapy for the treatment of hormonal dependent breast cancer cells. 2019;6:1114-26.
74. Li W, Shi X, Xu Y, Wan J, Wei S, Zhu RJMmr. Tamoxifen promotes apoptosis and inhibits invasion in estrogen-positive breast cancer MCF-7 cells. 2017;16(1):478-84.