

DAFTAR PUSTAKA

1. Globocan. Cancer Incident in Indonesia. International Agency for Research on Cancer. WHO; 2020
2. Dinas Kesehatan. Hari Kanker Sedunia (World Cancer Day). Dinkes Sumbar. 2020.
3. DiPiro JT, Yee GC, Psey LM, Haines ST, Nolin TD, Ellingrod V. Pharmacotherapy A Pathophysiologic Approach. 11th ed. United State: Mc Graw Hill; 2020.
4. Sukandar EY, Andrajati R, Sigit JI, Setiadi AP, Kusnandar. ISO Farmakoterapi 2. Jakarta: Ikatan Apoteker Indonesia; 2011.
5. Hidayati DN, Safitri EI, Alviani DL, Nur M, Putri A. Aktivitas Sitotoksik Dan Penghambatan Migrasi Sel Kanker 4T1 Dari Ekstrak Daun Waru (*Hibiscus tiliaceus* Linn.). 2022;15(1):41–7.
6. Wu D, Lin F. Cell Migration. In: Comprehensive Biotechnology. Elsevier; 2011. p. 539–46.
7. Lailatul Q, Nurrachma MY. Pemilihan Sel yang Tepat Untuk Penelitian Kanker Payudara. BioTrends. 2020;11(2):17–28.
8. Wahyuni FS, Ali DAI, Lajis NH, Dachriyanus. Anti-inflammatory activity of isolated compounds from the Stem Bark of *Garcinia cowa* Roxb. Pharmacogn J. 2017;9(1):55–7.
9. Wahyuni FS, Shaari K, Stanslas J, Lajis NH, Hamidi D. Cytotoxic Properties and Complete Nuclear Magnetic Resonance Assignment of Isolated Xanthenes from the Root of *Garcinia cowa* Roxb. Pharmacogn Mag. 2016;52–6.
10. Wahyuni FS, Shaari K, Stanslas J, Lajis NH, Dachriyanus. Cytotoxic xanthenes from the stem bark of *Garcinia cowa* Roxb. 2015;7(1):227–36.
11. Hefni D, Dachriyanus, Wahyuni FS, Yerizel E, Arisanty D, Yusra LN. Cowanin, a Cytotoxic Xanthone from Asam Kandis (*Garcinia cowa* Roxb.) Reduced Cell Migration and Induced Cell Cycle Arrest on T47D Human Cancer Cell. Int J Adv Sci Eng Inf Technol. 2020;10(5):2164–9.
12. Darwati, Bahti HH, Supriyatna, Dachriyanus. Kowanin, Suatu Santon dari Kulit Batang *Garcinia cowa* Roxb. J Natur Indones. 2009;11(2):109.
13. Haryoto, Muhtadi, Indrayudha P, Azizah T, Suhendi A, Haryoto, Muhtadi, Peni Indrayudha, Tanti Azizah AS. Aktivitas Sitotoksik Ekstrak Etanol Tumbuhan Sala (*Cynometra ramiflora* Linn) Terhadap Sel HeLa, T47D dan WiDR. J Penelit Saintek. 2013;18(2):21–8.

14. Jonkman JEN, Cathcart JA, Xu F, et al. An introduction to the wound healing assay using live-cell microscopy. *Cell Adhes Migr*. 2014;8(5):440–51.
15. Cooper J. Cell line profile. *Eur Collect Authenticated Cell Cult (ECACC)*. 2012.
16. Amtiria R, Berawi KN. Peran Human Epidermal Growth Factor Receptor-2 pada Kanker Payudara. *J Agromedicine Unila*. 2018;5(2):644–647.
17. Ang P. What is HER2 Positive Breast Cancer [internet]. *Oncocare*. 2017 [diakses pada 30 November 2022]. Laman: <https://oncocare.sg/en/blogs/what-is-her2-positive-breast-cancer>
18. Ayyappan N, Kokilavani V. *Garcinia cowa* Roxb [internet]. *India Biodiversity*. 2022 [diakses pada 29 November 2022]. Laman: <https://indiabiodiversity.org/species/show/280086>
19. Padang FP, Sjojfan O, Sudjarwo E. Evaluasi Kandungan Nutrisi Pakan dan Daya Hambat Tepung Biji Asam Kandis (*Garcinia cowa*) sebagai Bahan Pakan Unggas. *J Ilmu dan Teknol Peternak Trop*. 2018;5(2):20.
20. Lim TK. Edible medicinal and non-medicinal plants: *Garcinia cowa*. *Edible Med Non-Medicinal Plants*. 2012; 2: 29-34.
21. Wahyuni FS, Suhatri N, Susanti M, Hefni D, Dachriyanus. Potensi Sitotoksik Senyawa Santon Dari Tumbuhan *Garcinia Cowa* Roxb Terhadap Sel Kanker Payudara T47D. Padang: *Andalas Univesity Press*; 2020.
22. Darwati, Anggraeni A, Adisumiwi S. Santon dari kulit batang tumbuhan asam kandis (*Garcinia cowa*). *Chempublish Journal*. 2015;1(1):25–31.
23. Rullah K, Dewi R, Sia S, Fadil R, et al. Potensi Kandis (*Garcinia cowa* Roxb) Sebagai Herbal Antioksidan Alami. *POKJANAS*. 2012.
24. Fitriah W, Milanda T, Muchtaridi M. Kajian Toksisitas Tanaman Genus *Garcinia*. 2021;17(02):368–386.
25. Sriyatep T, Siridechakorn I, Maneerat W, Pansanit A et al. Bioactive Prenylated Xanthenes from the Young Fruits and Flowers of *Garcinia cowa*. *J Nat Prod*. 2014.
26. Chowchaikong N, Nilwarangoon S, Tanjapatkul N, Laphookhieo S, Watanapokasin R. Apoptosis Induction in Breast Cancer Cells by Cowanin. *J Med Assoc Thai*. 2017;100(8).
27. Pubchem. Compound Summary: Cowanin [Internet]. *National Library of Medicine*. 2022 [diakses pada 29 November 2022]. Laman: <https://pubchem.ncbi.nlm.nih.gov/compound/Cowanin>
28. Sari MP. Peran Enzim Protease Pada Siklus Sel. 2021;1(2):55–63.
29. Freshney RI. *Culture of Animal Cells*. 5 Edition. New Jersey: WILEY; 2005.

30. Liambo IS, Frisitionady A, Malaka MH. Review : Patofisiologi , Epidemiologi ,dan Lini Sel Kanker Payudara. 2022;8(1):17–22.
31. Aisyah R, Mahmudah N, Risanti ED. Biologi Molekuler. Surakarta: Muhammadiyah University Press; 2019.
32. Hanahan D. Hallmarks of Cancer: New Dimensions. AACR Cancer Discov. 2022;12(1):31–46.
33. Rahmawati S. Peran Onkogen dan Tumor Suppressor Gene Pada Karsinogenesis. JK Unila. 2021;5(1):61–68.
34. Aty Y. Gaya Hidup Penderita Kanker. Jakarta: Media Sains Indonesia; 2022.
35. Haryono SJ, Anwar SL, Salim A. Dasar-Dasar Biologi Molekuler Kanker Bagi Praktisi Klinis. Yogyakarta: Gadjah Mada University Press; 2018.
36. Kim MY. Translational Research in Breast Cancer Chapter 9: Breast Cancer Metastasis. Noh DY et. al, editor. Vol. 75, Pathobiology. Daejeon: Springer; 2021. 61–62 p.
37. Chalasani P. Breast Cancer [Internet]. Medscape. 2022 [diakses pada 29 November 2022]. Laman: <https://emedicine.medscape.com/article/1947145-overview>
38. Harbeck N, Penault-Llorca F, Cortes J, et al. Breast cancer. Nature Reviews Disease Primers. 2019; 5(66).
39. Wells BG, Schwinghammer TL, DiPiro JT, DiPiro C V. Pharmacotherapy Handbook. 10th ed. United State: Mc Graw Hill; 2017.
40. Wessel M, Wyant T, Cabrera M. What is breast cancer [Internet]. American Cancer Society. 2022 [diakses pada 29 November 2022]. Laman: <https://www.cancer.org/cancer/breast-cancer/about/what-is-breast-cancer.html>
41. Bhushan A, Gonsalves A, Menon JU. Current State of Breast Cancer Diagnosis, Treatment, and Theranostics. Pharmaceutics. 2021;13(5):1–24.
42. Globocan. Cancer Incident in Indonesia. International Agency for Research on Cancer. 2018
43. Kementerian Kesehatan RI. Panduan Nasional Penanganan Kanker Payudara. Jakarta; 2015.
44. Ashariati A. Manajemen Kanker Payudara Komprehensif. J Chem Inf Model. 2019;53(9):1689–1699.
45. Ibrahim AA, Sandhika W, Budipramana VS. Uji Efektifitas Ekstrak Etanol Daun *Annona Muricata* Terhadap Sel Kanker Payudara MCF-7. J Manaj Kesehat. 2020;6(1).
46. Invitrogen. Cell Culture Basics Handbook. Massachusetts: Gibco; 2020.

47. Ali EN, Mohammed ST, Ajah HA, Abdulkhaliq RJ. Preparation a New SHE-Medium Replacement of RPMI1640-Medium using Oral Rehydration Solution. 2020;12(2).
48. Yamaguchi H, Condeelis J. Regulation of the Actin Cytoskeleton in Cancer Cell Migration and Invasion. *Biochim Biophys Acta*. Elsevier. 2007.
49. Grada A, Otero-vinas M, Prieto-castrillo F, Obagi Z, Falanga V. Research Techniques Made Simple : Analysis of Collective Cell Migration Using the Wound Healing Assay. *J Invest Dermatol*. 2018;137(2):11–6.
50. Condeelis J, Segall JE. Intravital Imaging of Cell Movement in Tumours. *Nat Rev Cancer*. 2003;3(12):921–930.
51. Fronza M, Heinzmann B, Hamburger M, Laufer S, Merfort I. Determination of the Wound Healing Effect of Calendula Extracts Using the Scratch Assay with 3T3 Fibroblasts. *J Ethnopharmacol*. 2009.
52. Phelan MC, Lawler G. Commonly Used Techniques: Cell Counting. In: *Current Protocols in Cytometry*. WILEY; 1997.
53. Freshney RI. *Culture of Animal Cells*. New York: Wiley; 2005
54. Chen A, Leith M, Tu R, Tahim G, Sudra A, Bhargava S. Effects of Diluents on Cell Culture Viability Measured by Automated Cell Counter. *PLoS One*. 2017;12(3):1–13.
55. Makhirliana A. Uji Efek Sitotoksik Cowanin Dari Kulit Batang Asam kandis (*Garcinia cowa* Roxb.) Terhadap Sel Kanker Paru-Paru H1299 Dengan MTT Assay [skripsi]. Padang: Fakultas Farmasi Universitas Andalas; 2016.
56. Rollando. Aktivitas Sitotoksik Ekstrak Dan Fraksi Hasil Fermentasi Fungi Endofit Genus *Cephalosporium* sp. Diisolasi Dari Daun Meniran (*Phyllanthus niruri* Linn.). *J Wiyata*. 2016;3(1):5–10.
57. Benz CC, Scott GK, Sarup JC, et al. Estrogen-dependent, Tamoxifen-resistant Tumorigenic Growth of MCF-7 Cells Transfected with HER2/neu. *Breast Cancer Res Treat*. 1992;24(2):85–95.
58. Andiana M. Kultur Sel Baby Hamster Kidney (BHK) Menggunakan Media Dulbecco's Modified Eagle Medium (DMEM). *Biotropic J Trop Biol*. 2017;1(1):1–8.
59. Burdall SE, Hanby AM, Lansdown MRJ, Speirs V. Breast cancer cell lines: Friend or foe?. *Breast Cancer Res*. 2003;5(2):89–95.
60. Wahyuni FS, Shaari K, Stanslas J, Lajis N, Hamidi D. Cytotoxic Compounds From the Leaves of *Garcinia cowa* Roxb. *J Appl Pharm Sci*. 2015;5(2).
61. Maulani IR. Aspek Molekuler Pada Metastasis Sel Kanker. *Makassar Dent J*. 2018;1(1):1–8.

62. Singh M, Mckenzie K, Ma X. Effect of Dimethyl sulfoxide on Invitro Proliferation of Skin Fibroblast Cells. *J Biotech Res.* 2017;8:78–82.
63. Nowak-Terpiłowska A, Śledziński P, Zeyland J. Impact of Cell Harvesting Methods on Detection of Cell Surface Proteins and Apoptotic Markers. *Brazilian J Med Biol Res.* 2021;54(2):1–7.
64. ATCC. Primary Cell Culture Guide, Tips and Techniques for Culturing Primary Cells. *J Infect Dis.* 2012;1–32.
65. Fang IJ, Trewyn BG. Application of Mesoporous Silica Nanoparticles in Intracellular Delivery of Molecules and Proteins. 1st ed. Vol. 508. Elsevier Inc.; 2012. 41–59
66. Hoang VT, Stepniowski G, Czarnecka KH, et al. Optical Properties of Buffers and Cell Culture Media for Optofluidic and Sensing Applications. *Appl Sci.* 2019;9(6):1–11.
67. Lumongga F. Invasi sel kanker. Medan: Universitas Sumatera Utara; 2008.
68. Yunani R. Kajian Peran Gen P53 dalam Tumorigenesis. Universitas Wijaya Kusuma. 2018;6:11–6.

