

## DAFTAR PUSTAKA

1. Ferlay J, Colombet M, Soerjomataram I, Parkin DM, Piñeros M, Znaor A, dkk. Cancer Statistics for The Year 2022: An Overview. *Int J Cancer*. 2022;149(4):778–89.
2. Cai Z, Liu Q. Cell Cycle Regulation in Treatment of Breast Cancer. *Adv Exp Med Biol*. 2017;10(26):251–70.
3. Alalawy AI. Key Genes and Molecular Mechanisms Related to Paclitaxel Resistance. *Cancer Cell Int*. 2024;24(1):1–19.
4. Awosika AO, Farrar MC, Jacobs TF. Paclitaxel. *StatPearls*. 2023.
5. Correia AS, Gärtner F, Vale N. Drug Combination and Repurposing for Cancer Therapy: The Example of Breast Cancer. *Heliyon*. 2021;7(1):1–9.
6. Furqan M, Wahyuni FS, Susanti M, Hamidi D. Evaluation of *Garcinia cowa* Leaf Extract as a Potential Anticancer Agent: Cytotoxicity, Selectivity, and Apoptotic Effects on MCF-7/HER-2 Cells. *Trop J Nat Prod Res*. 2025;9(2):846–52.
7. Wahyuni FS, Triastuti DH, Arifin H. Cytotoxicity Study of Ethanol Extract of the Leaves of Asam Kandis (*Garcinia cowa* Roxb.) on T47D Breast Cancer Cell Line. *Pharmacogn J*. 2015;7(6):369–71.
8. Xia Z, Zhang H, Xu D, Lao Y, Fu W, Tan H, dkk. Xanthonenes from The Leaves of *Garcinia cowa* Induce Cell Cycle Arrest, Apoptosis, and Autophagy in Cancer Cells. *Molecules*. 2015;20(6):11387–99.
9. Kurniawan YS, Priyanga KTA, Jumina, Pranowo HD, Sholikhah EN, Zulkarnain AK, dkk. An update on The Anticancer Activity of Xanthone Derivatives: A Review. *Pharmaceuticals*. 2021;14(11).
10. Asnaashari S, Amjad E, Sokouti B. Synergistic Effects of Flavonoids and Paclitaxel in Cancer Treatment: a Systematic Review. *Cancer Cell Int*. 2023;23(1):1–32.
11. Harvey N, Mayrovitz P. Breast Cancer. Brisbane, Australia: Exon Publications; 2022.
12. Darzynkiewicz. Cell Cycle Analysis. *Flow Cytom Lab*. 2017;1:1–2.
13. Japan International Research Center for Agricultural Sciences (JIRCAS). *Garcinia cowa* Roxb. (Clusiaceae). 2010.
14. Portal IB. *Garcinia cowa* Roxb. 2020.
15. Ritthiwigrom T, Pyne SG. Chemical Constituent and Biological Activities of *Garcinia cowa* Roxb. *Maejo Int J*. 2013;7(2):212–31.
16. 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):6–11.
17. Darwati, Nurlelasari, Mayanti T. Isolasi Senyawa Steroid Dari Akar Tumbuhan Asam Kandis (*Garcinia cowa* Roxb. ex DC) Sebagai Obat Penurun Demam (Steroid Compounds from Root Plant of Acid (*Garcinia cowa* Roxb. ex DC) for Fever Relief). *J Penelit Has Hutan*. 2016;37(1):51–8.
18. Joseph GS, Jayaprakasha GK, Selvi AT, Jena BS, Sakariah KK. Antiaflatoxicogenic and Antioxidant Activities of *Garcinia* Extracts. *Int J Food*

- Microbiol. 2005;101(2):153–60.
19. Wahyuni FS, Arisanty D, Hayaty NF, Juwita DA, Almahdy. Sub-Acute Toxicity Study of The Ethyl Acetate Fraction of Asam Kandis Rinds (*Garcinia cowa* Roxb.) on the Liver and Renal Function in Mice. *Pharmacogn J.* 2017;9(3):345–9.
  20. A. Sakunpak, K. Matsunami, H. Otsuka, P. Panichayupakaranant. Isolation of Chamuangone, a Cytotoxic Compound against *Leishmania major* and Cancer Cells from *Garcinia cowa* Leaves and its HPLC Quantitative Determination Method. *J Can Res Updates.* 2017;6(2):38–45.
  21. Husni E, Nahari F, Wirasti Y, Wahyuni FS, Dachriyanus. Cytotoxicity Study of Ethanol Extract of the Stem Bark of Asam Kandis (*Garcinia cowa* Roxb.) on T47D Breast Cancer Cell Line. *Asian Pac J Trop Biomed.* 2015;5(3):249–52.
  22. 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;12(45):S52–6.
  23. Xu G, Kan WLT, Zhou Y, Song JZ, Han QB, Qiao CF, dkk. Cytotoxic Acylphloroglucinol Derivatives from The Twigs of *Garcinia cowa*. *J Nat Prod.* 26 Februari 2010;73(2):104–8.
  24. Sukandar ER, Rassamee K, Siripong P, Kaennakam S. Cytotoxic Prenylated Xanthone Derivatives from The Twigs of *Garcinia cowa*. *Nat Prod Res.* 2024;1–9.
  25. Panthong K, Pongcharoen W, Phongpaichit S, Taylor WC. Tetraoxygenated Xanthenes from the Fruits of *Garcinia cowa*. *Phytochemistry.* 2006;67(10):999–1004.
  26. Darwati, Bahti H, Supriyatna, Dachriyanus. Kowanin, Suatu Santon dari Kulit Batang *Garcinia cowa* Roxb. *J Natur Indones.* 2009;11(2):109–14.
  27. Brown JS, Amend SR, Austin RH, Gatenby RA, Hammarlund EU, Pienta KJ. Updating the Definition of Cancer. *Mol Cancer Res.* 2023;21(11):1142–7.
  28. World Health Organization. *Cancer.* World Health Organization; 2025.
  29. Wu Z, Xia F, Lin R. Global Burden of Cancer and Associated Risk Factors in 204 Countries and Territories, 1980–2021: A Systematic Analysis for The GBD 2021. *J Hematol Oncol.* 2024;17(1):1–14.
  30. Malarkey DE, Hoenerhoff M, Maronpot RR. *Carcinogenesis Mechanisms and Manifestations.* North Carolina, USA: Maronpot Consulting; 2013. 107–146 hal.
  31. Menon G, Alkabban F, Ferguson T. *Breast Cancer.* 6<sup>th</sup> Ed. UK: StatPearls; 2025.
  32. Wang J, Wu SG. Breast Cancer: An Overview of Current Therapeutic Strategies, Challenge, and Perspectives. *Breast Cancer Targets Ther.* 2023;15:721–30.
  33. Kamińska M, Ciszewski T, Łopacka-Szatan K, Miotła P, Starosławska E. Breast Cancer Risk Factors. *Prz Menopauzalny.* 2015;14(3):196–202.
  34. Zhu L, Chen L. Progress in Research on Paclitaxel and Tumor Immunotherapy. *Cell Mol Biol Lett.* 2019;24(1):1–11.
  35. Zhang S, Ye T, Liu Y, Hou G, Wang Q, Zhao F, dkk. Research Advances in

- Clinical Applications, Anticancer Mechanism, Total Chemical Synthesis, Semi Synthesis and Biosynthesis of Paclitaxel. *Molecules*. 2023;28:1–29.
36. Saadat N, Gupta S V. Potential Role of Garcinol as an Anticancer Agent. *J Oncol*. 2012;20(12):1–8.
  37. Susilowati, Anggraini TD. Efek Sitotoksitas dan Selektivitas Fraksi Aktif Ekstrak Daun Kelor (*Moringa oleifera* Lamk.) terhadap Sel Kanker Payudara T47D. *J Farmasains*. 2018;5(2):50–1.
  38. Pérard-viret J, Quteishat L, Alsalm R. *Cell Culture: Growing Cells as Model Systems In Vitro*. UK: Elsevier; 2020.
  39. Richmond Scientific. *CO<sub>2</sub> Incubators: Benefits and Best Practices*. 2023.
  40. ATCC. *Penicillin–Streptomycin Solution*. American Type Culture Collection; 2025.
  41. Khing TM, Choi WS, Kim DM, Po WW, Thein W, Shin CY, dkk. The Effect of Paclitaxel on Apoptosis, Autophagy and Mitotic Catastrophe in AGS Cells. *Sci Rep*. 2021;11(1):1–19.
  42. Lodish H, Berk A, Zipursky SL et al. *Molecular Cell Biology* 5<sup>th</sup> Ed. W.H. Freeman. California: Massachusetts Institute of Technology; 2000.
  43. Cornwell JA, Crncec A, Afifi MM, Tang K, Amin R, Cappell SD. Loss of CDK4/6 Activity in S/G2 Phase Leads to Cell Cycle Reversal. *Nature*. 2023;619:363–70.
  44. Ding ZJ, Xu DQ, Lao YZ, Xu HX. Interactions Between Traditional Chinese Medicine and Anticancer Drugs in Chemotherapy. *World J Tradit Chinese Med*. 2017;3(3):38–45.
  45. Vermeulen K. The Cell Cycle : a Review of Regulation, Dereglulation and Therapeutic Targets in Cancer. *Cell Prolif*. 2003;36:131–49.
  46. Nair A, Manohar SM. A Flow Cytometric Journey Into Cell Cycle Analysis. *Bioanalysis*. 2021;13(21):1627–44.
  47. Sapkota A. *Flow Cytometry: Definition, Principle, Parts, Steps, Types, Uses*. Microbe Notes; 2022.
  48. Jain P, Giustolisi GM, Atkinson S, Elnenaei MO, Morilla R, Owusu-Ankomah K, dkk. Detection of Cyclin D1 in B Cell Lymphoproliferative Disorders by Flow Cytometry. *J Clin Pathol*. 2002;55(12):940–5.
  49. Naik A, Decock J. Targeting of Lactate Dehydrogenase C Dysregulates the Cell Cycle and Sensitizes Breast Cancer Cells to DNA Damage Response Targeted Therapy. *Mol Oncol*. 2022;16(4):885–903.
  50. Darzynkiewicz Z. Critical Aspects in Analysis of Cellular DNA Content. *Natl Institutes Heal*. 2012;1–10.
  51. Macieira-Coelho A. Cell Cycle Analysis a Mammalian Cells. *Tissue Cult*. 2018;412–22.
  52. Hermawan A. Prosedur Tetap Pembuatan Media. *Cancer Chemoprevention Res Cent Fak Farm UGM*. 2010;1–5.
  53. Hermawan A. Prosedur Tetap : Cell Thawing. *Cancer Chemoprevention Res Cent Fak Farm UGM*. 2010;1-3.
  54. Junedi S. Prosedur Tetap Panen Sel. *Cancer Chemoprevention Res Cent Fak Farm UGM*. 2009;1–3.
  55. Junedi S. Prosedur Tetap: Perhitungan Sel. *Cancer Chemoprevention Res Cent Fak Farm UGM*. 2010;1–4.
  56. Putri H. Protokol Preparasi Sampel untuk Siklus Sel Dengan Metode Flow

- Cytometry. *Cancer Chemoprevention Res Cent Fak Farm UGM*. 2014;1–7.
57. Hanahan D. Hallmarks of Cancer: New Dimensions. *Cancer Discov*. 2022;12(1):31–46.
  58. Darzynkiewicz Z, Halicka H, Zhao H. Analysis of Cellular DNA Content by Flow and Laser Scanning Cytometry. *Adv Exp Med Biol*. 2010;676:137–47.
  59. Ahadi G, Zain N. The Simulation Study of Normality Test Using Kolmogorov-Smirnov, Anderson-Darling, and Shapiro-Wilk. *Eig Math J*. 2023;6(1):11–9.
  60. Yang HJ, Lee HS. Common Statistical Methods Used in Medical Research. *Kosin Med J*. 2025;40(1):21–30.
  61. Bewick V, Cheek L, Ball J. Statistics Review 10 : Further Nonparametric Methods. *Crit Care*. 2004;8(3):196–9.
  62. Dinno A. Nonparametric Pairwise Multiple Comparisons in Independent Groups Using Dunn’s Test. 2015;(1):292–300.
  63. Armstrong RA. When To Use the Bonferroni Correction. *Ophthalmic Physiol Opt*. 2014;34:502–8.
  64. Trout A, Kaufmann T, Kallmes D. No Significant Difference Says Who? *Am J Neuroradiol*. 2007;28(2):195–7.
  65. Anigo EC, George BP, Abrahamse H. Characterization of Resistant MCF-7 Breast Cancer Cells Developed by Repeated Cycles of Photodynamic Therapy. *Front Pharmacol*. 2022;1–10.
  66. Wu H tao, Li C lan, Fang Z xuan, Chen W jia, Lin W ting. Induced Cell Cycle Arrest in Triple-Negative Breast Cancer by Combined Treatment of Itraconazole and Rapamycin. 2022;13:1–10.
  67. Shapiro GI, Harper JW. Anticancer Drug Targets: Cell Cycle and Checkpoint Control. 1999;104(12):1645–53.
  68. Kopustinskiene DM, Jakstas V, Savickas A, Bernatoniene J. Flavonoids as Anticancer Agents. *Nutrients*. 2020;12:1–25.
  69. Bucher N, Britten CD. G2 Checkpoint Abrogation and Checkpoint Kinase-1 Targeting in the Treatment of Cancer. *Br J Cancer*. 2008;98(1):523–8.

