

DAFTAR PUSTAKA

- Alhoshani, A., Alotaibi, M., As Sobeai, H. M., Alharbi, N., Alhazzani, K., Al-Dhfyhan, A., Alanazi, F. E., & Korashy, H. M. (2021). In vivo and in vitro studies evaluating the chemopreventive effect of metformin on the aryl hydrocarbon receptor-mediated breast carcinogenesis. *Saudi Journal of Biological Sciences*, 28(12), 7396–7403. <https://doi.org/10.1016/j.sjbs.2021.08.051>
- Amadou, A., Praud, D., Coudon, T., Deygas, F., Grassot, L., Faure, E., Couvidat, F., Caudeville, J., Bessagnet, B., Salizzoni, P., Gulliver, J., Leffondré, K., Severi, G., Mancini, F. R., & Fervers, B. (2021). Risk of breast cancer associated with long-term exposure to benzo[a]pyrene (BaP) air pollution: Evidence from the French E3N cohort study. *Environment International*, 149, 106399. <https://doi.org/10.1016/j.envint.2021.106399>
- Atikah, T. A., Syahid, A., & Widiarti, A. (2023). Media Growing Techniques and Different Soil Types to Increase Agronomic Characteristics and Content of Flavonoid Compounds on Dayak's Onion (*Eleutherine palmifolia* Merr.). *International Journal of Design & Nature and Ecodynamics*, 18(1), 91–96. <https://doi.org/10.18280/ijdne.180110>
- Baker, J., Noguchi, N., Marinovich, M. L., Sprague, B. L., Salisbury, E., & Houssami, N. (2024). Atypical ductal or lobular hyperplasia, lobular carcinoma in-situ, flat epithelial atypia, and future risk of developing breast cancer: Systematic review and meta-analysis. *The Breast*, 78, 103807. <https://doi.org/10.1016/j.breast.2024.103807>
- Bedair, B. H., Abood, A. K., Mohammed, S., Ibrahim, H. K., Dawood, H., Khalaf, A. N., Bedair, N. H., & Safer, N. H. (2024). *Breast Cancer Epidemiology and Etiology*. 5(1).
- Choi, E., Mun, G., Lee, J., Lee, H., Cho, J., & Lee, Y.-S. (2023a). BRCA1 deficiency in triple-negative breast cancer: Protein stability as a basis for therapy. *Biomedicine & Pharmacotherapy*, 158, 114090. <https://doi.org/10.1016/j.biopha.2022.114090>
- Choi, E., Mun, G., Lee, J., Lee, H., Cho, J., & Lee, Y.-S. (2023b). BRCA1 deficiency in triple-negative breast cancer: Protein stability as a basis for therapy. *Biomedicine & Pharmacotherapy*, 158, 114090. <https://doi.org/10.1016/j.biopha.2022.114090>
- Department of Biology, Faculty of Biology, Universitas Jenderal Soedirman, Jl. Dr. Soeparno, Karangwangkal 53123, Purwokerto, Jawa Tengah, Indonesia, Harlita, T. D., Department of Health Analyst, Politeknik Kesehatan Kemenkes Kaltim, Jl. Kurnia Makmur No. 64 Kel. Harapan Baru, Samarinda, Kalimantan Timur, Indonesia, -, O., Department of Biology, Faculty of Biology, Universitas Jenderal

- Soerdirman, Jl. Dr. Soeparno, Karangwangkal 53123, Purwokerto, Jawa Tengah, Indonesia, Asnani, A., & Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas Jenderal Soerdirman, Jl. Dr. Soeparno, Karangwangkal 53123, Purwokerto, Jawa Tengah, Indonesia. (2018). The Antibacterial Activity of Dayak Onion (*Eleutherine palmifolia* (L.) Merr) towards Pathogenic Bacteria. *Tropical Life Sciences Research*, 29(2), 39–52. <https://doi.org/10.21315/tlsr2018.29.2.4>
- Dhokotera, T. G., Muchengeti, M., Davidović, M., Rohner, E., Olago, V., Egger, M., & Bohlius, J. (2024). Gynaecologic and breast cancers in women living with HIV in South Africa: A record linkage study. *International Journal of Cancer*, 154(2), 284–296. <https://doi.org/10.1002/ijc.34712>
- Djamaris, A., Ardiansyah, Sari, D. A. P., & Novianti, M. D. (2024). *Desain Percobaan: Teori dan Aplikasi*.
- Dudley, A. C., & Griffioen, A. W. (2023). Pathological angiogenesis: Mechanisms and therapeutic strategies. *Angiogenesis*, 26(3), 313–347. <https://doi.org/10.1007/s10456-023-09876-7>
- El-Malah, A. A., Gineinah, M. M., Deb, P. K., Khayyat, A. N., Bansal, M., Venugopala, K. N., & Aljahdali, A. S. (2022). Selective COX-2 Inhibitors: Road from Success to Controversy and the Quest for Repurposing. *Pharmaceuticals*, 15(7), 827. <https://doi.org/10.3390/ph15070827>
- Feriancová, M., Walter, I., Singer, C. F., Gazdarica, J., & Pohlodek, K. (2021). Expression of COX-2, p16, and Ki67 in the range from normal breast tissue to breast cancer. *Neoplasma*, 68(02), 342–351. https://doi.org/10.4149/neo_2020_200731N798
- Gao, Y., Perez, C. A., Chhor, C., & Heller, S. L. (2023). Breast Cancer Screening in Survivors of Childhood Cancer. *RadioGraphics*, 43(4), e220155. <https://doi.org/10.1148/rg.220155>
- Garg, P., Malhotra, J., Kulkarni, P., Horne, D., Salgia, R., & Singhal, S. S. (2024). Emerging Therapeutic Strategies to Overcome Drug Resistance in Cancer Cells. *Cancers*, 16(13), 2478. <https://doi.org/10.3390/cancers16132478>
- Ghasempour, S., & Freeman, S. A. (2023). The glycocalyx and immune evasion in cancer. *The FEBS Journal*, 290(1), 55–65. <https://doi.org/10.1111/febs.16236>
- Giunashvili, N., Thomas, J. M., Schvarcz, C. A., Viana, P. H. L., Aloss, K., Bokhari, S. M. Z., Koós, Z., Bócsi, D., Major, E., Balogh, A., Benyó, Z., & Hamar, P. (2024). Enhancing therapeutic efficacy in triple-negative breast cancer and melanoma: Synergistic effects of modulated electro-hyperthermia (mEHT) with NSAIDs especially COX-2 inhibition in *in vivo* models. *Molecular Oncology*, 18(4), 1012–1030. <https://doi.org/10.1002/1878-0261.13585>

- Hammarström, M., Gabrielson, M., Crippa, A., Discacciati, A., Eklund, M., Lundholm, C., Bäcklund, M., Wengström, Y., Borgquist, S., Bergqvist, J., Eriksson, M., Tapia, J., Czene, K., & Hall, P. (2023a). Side effects of low-dose tamoxifen: Results from a six-armed randomised controlled trial in healthy women. *British Journal of Cancer*, 129(1), 61–71. <https://doi.org/10.1038/s41416-023-02293-z>
- Hammarström, M., Gabrielson, M., Crippa, A., Discacciati, A., Eklund, M., Lundholm, C., Bäcklund, M., Wengström, Y., Borgquist, S., Bergqvist, J., Eriksson, M., Tapia, J., Czene, K., & Hall, P. (2023b). Side effects of low-dose tamoxifen: Results from a six-armed randomised controlled trial in healthy women. *British Journal of Cancer*, 129(1), 61–71. <https://doi.org/10.1038/s41416-023-02293-z>
- Howell, A., & Howell, S. J. (2023). Tamoxifen evolution. *British Journal of Cancer*, 128(3), 421–425. <https://doi.org/10.1038/s41416-023-02158-5>
- Karimi, B., Ashrafi, M., Shomali, T., & Yektaseresht, A. (2019). Therapeutic effect of simvastatin on DMBA-induced breast cancer in mice. *Fundamental & Clinical Pharmacology*, 33(1), 84–93. <https://doi.org/10.1111/fcp.12397>
- Khalil, N. A., Ahmed, E. M., Tharwat, T., & Mahmoud, Z. (2024). NSAIDs between past and present; a long journey towards an ideal COX-2 inhibitor lead. *RSC Advances*, 14(42), 30647–30661. <https://doi.org/10.1039/D4RA04686B>
- Kulesza, A., Paczek, L., & Burdzinska, A. (2023). The Role of COX-2 and PGE2 in the Regulation of Immunomodulation and Other Functions of Mesenchymal Stromal Cells. *Biomedicines*, 11(2), 445. <https://doi.org/10.3390/biomedicines11020445>
- Laskar, Y. B., Bhattacharjee, K., Nath, M., Choudhury, Y., Mazumder, P. B., & Talukdar, A. D. (2023a). Protective Effects of Pelargonidin against DMBA-Induced Mammary Tumorigenesis in BALB/c Mice through Reduced Oxidative Stress and Lipid Anomalies. *Nutrition and Cancer*, 75(7), 1579–1599. <https://doi.org/10.1080/01635581.2023.2219027>
- Laskar, Y. B., Bhattacharjee, K., Nath, M., Choudhury, Y., Mazumder, P. B., & Talukdar, A. D. (2023b). Protective Effects of Pelargonidin against DMBA-Induced Mammary Tumorigenesis in BALB/c Mice through Reduced Oxidative Stress and Lipid Anomalies. *Nutrition and Cancer*, 75(7), 1579–1599. <https://doi.org/10.1080/01635581.2023.2219027>
- Li, S., Jiang, M., Wang, L., & Yu, S. (2020). Combined chemotherapy with cyclooxygenase-2 (COX-2) inhibitors in treating human cancers: Recent advancement. *Biomedicine & Pharmacotherapy*, 129, 110389. <https://doi.org/10.1016/j.biopha.2020.110389>
- Machida, Y., & Imai, T. (2021). Different properties of mammary carcinogenesis induced by two chemical carcinogens, DMBA and PhIP, in heterozygous BALB/c *Trp53*

- knockout mice. *Oncology Letters*, 22(4), 738. <https://doi.org/10.3892/ol.2021.12999>
- Moslehi, R., Freedman, E., Zeinomar, N., Veneroso, C., & Levine, P. H. (2016). Importance of hereditary and selected environmental risk factors in the etiology of inflammatory breast cancer: A case-comparison study. *BMC Cancer*, 16(1), 334. <https://doi.org/10.1186/s12885-016-2369-z>
- Muthia, R., Wati, H., Jamaludin, W. B., Kartini K, K., Setiawan, F., Fikri, M., & Wahhab, A. (2021). Standardization of Eleutherine bulbosa Urb. Bulbs and Total Flavonoid Content from Three Locations in Kalimantan, Indonesia. *Pharmacognosy Journal*, 13(1), 73–80. <https://doi.org/10.5530/pj.2021.13.11>
- Mutiah, R., Muzazanah, Z., Annisa, R., Rachmawati, E., & Fitriarningsih, A. A. (2024). Comparative metabolite profiling of Eleutherine bulbosa ethanol and water extracts by UPLC-MS/MS and their cytotoxic effects on T47D cells. *Journal of Applied Pharmaceutical Science*. <https://doi.org/10.7324/JAPS.2024.176492>
- Nasry, W. H. S. (t.t.). *In the Department of Pathology and Microbiology Faculty of Veterinary Medicine University of Prince Edward Island*.
- Nurkolis, F., Kurniatanty, I., Wiyarta, E., Permatasari, H. K., Mayulu, N., Taslim, N. A., Tjandrawinata, R. R., Hardinsyah, H., Tallei, T. E., Tsopmo, A., Radu, S., Hadinata, E., Kim, B., Ribeiro, R. I. M. A., & Syahputra, R. A. (2024a). Identification of novel functional compounds from forest onion and its biological activities against breast cancer. *Journal of Agriculture and Food Research*, 18, 101362. <https://doi.org/10.1016/j.jafr.2024.101362>
- Nurkolis, F., Kurniatanty, I., Wiyarta, E., Permatasari, H. K., Mayulu, N., Taslim, N. A., Tjandrawinata, R. R., Hardinsyah, H., Tallei, T. E., Tsopmo, A., Radu, S., Hadinata, E., Kim, B., Ribeiro, R. I. M. A., & Syahputra, R. A. (2024b). Identification of novel functional compounds from forest onion and its biological activities against breast cancer. *Journal of Agriculture and Food Research*, 18, 101362. <https://doi.org/10.1016/j.jafr.2024.101362>
- Obeagu, E. I., & Obeagu, G. U. (2024a). Breast cancer: A review of risk factors and diagnosis. *Medicine*, 103(3), e36905. <https://doi.org/10.1097/MD.00000000000036905>
- Obeagu, E. I., & Obeagu, G. U. (2024b). Breast cancer: A review of risk factors and diagnosis. *Medicine*, 103(3), e36905. <https://doi.org/10.1097/MD.00000000000036905>
- Obeagu, E. I., & Obeagu, G. U. (2024c). Breast cancer: A review of risk factors and diagnosis. *Medicine*, 103(3), e36905. <https://doi.org/10.1097/MD.00000000000036905>

- Orlandella, F. M., Auletta, L., Greco, A., Zannetti, A., & Salvatore, G. (2021). Preclinical Imaging Evaluation of miRNAs' Delivery and Effects in Breast Cancer Mouse Models: A Systematic Review. *Cancers*, 13(23), 6020. <https://doi.org/10.3390/cancers13236020>
- Oronsky, B., Caroen, S., & Reid, T. (2022). What Exactly Is Inflammation (and What Is It Not?). *International Journal of Molecular Sciences*, 23(23), 14905. <https://doi.org/10.3390/ijms232314905>
- Ou, X., Tan, Y., Xie, J., Yuan, J., Deng, X., Shao, R., Song, C., Cao, X., Xie, X., He, R., Li, Y., & Tang, H. (2024). Methylation of GPRC5A promotes liver metastasis and docetaxel resistance through activating mTOR signaling pathway in triple negative breast cancer. *Drug Resistance Updates*, 73, 101063. <https://doi.org/10.1016/j.drug.2024.101063>
- Pace, L. E., & Keating, N. L. (2024). New Recommendations for Breast Cancer Screening—In Pursuit of Health Equity. *JAMA Network Open*, 7(4), e2411638. <https://doi.org/10.1001/jamanetworkopen.2024.11638>
- Permatasari, H. K., Abshori, N. F., Syahputra, R. A., Harahap, U., Amalia, N., Kumalawati, D. A., Mayulu, N., Taslim, N. A., Tallei, T. E., Tjandrawinata, R. R., Wiyarta, E., Pramono, A., Kim, B., Tsopmo, A., Serra-Majem, L., & Nurkolis, F. (2024). Novel Functional Food Properties of Forest Onion (*Eleutherine bulbosa* Merr.) Phytochemicals for Treating Metabolic Syndrome: New Insights from a Combined Computational and In Vitro Approach. *Nutrients*, 16(10), 1441. <https://doi.org/10.3390/nu16101441>
- Piperine Acts as an Anticancer Agent by Reducing Cyclooxygenase-2 Activity and Inducing Apoptosis by Activating p53 in HeLa Cells. (2024). *Tropical Journal of Natural Product Research*, 8(2). <https://doi.org/10.26538/tjnpr/v8i2.11>
- Rashmi, R., Prasad, K., & Udupa, C. B. K. (2022). Breast histopathological image analysis using image processing techniques for diagnostic purposes: A methodological review. *Journal of Medical Systems*, 46(1), 7. <https://doi.org/10.1007/s10916-021-01786-9>
- Rosdianto, A. M., Kurniawan, A., Gunadi, J. W., Mahendra, I., Setiawan, I., Goenawan, H., Sylviana, N., Pratiwi, Y. S., Syamsunarno, M. R. A. A., Wahyudianingsih, R., Supratman, U., & Lesmana, R. (2022). DMBA-induced Modulate Estrogen Receptors α and β Breast Cancer's Animal Model. *Majalah Kedokteran Bandung*, 54(1), 37–42. <https://doi.org/10.15395/mkb.v54n1.2479>
- Sahu, A., Raza, K., Pradhan, D., Jain, A. K., & Verma, S. (2023). Cyclooxygenase-2 as a therapeutic target against human breast cancer: A comprehensive review. *WIREs Mechanisms of Disease*, 15(3), e1596. <https://doi.org/10.1002/wsbm.1596>

- Siegel, R. L., Giaquinto, A. N., & Jemal, A. (2024). Cancer statistics, 2024. *CA: A Cancer Journal for Clinicians*, 74(1), 12–49. <https://doi.org/10.3322/caac.21820>
- Sosnowska-Sienkiewicz, P., Januszkiewicz-Lewandowska, D., & Mańkowski, P. (2024). Benign and malignant breast lesions in children and adolescents—Diagnostic and therapeutic approach. *Frontiers in Pediatrics*, 12, 1417050. <https://doi.org/10.3389/fped.2024.1417050>
- Stang, A. R. (2024). *Cara praktis penentuan uji statistik dalam penelitian kesehatan dan kedokteran*. Jakarta: Mitra Wacana Media. ISBN: 978-602-318-567-2.
- Sung, H., Ferlay, J., Siegel, R. L., Laversanne, M., Soerjomataram, I., Jemal, A., & Bray, F. (2021). Global Cancer Statistics 2020: GLOBOCAN Estimates of Incidence and Mortality Worldwide for 36 Cancers in 185 Countries. *CA: A Cancer Journal for Clinicians*, 71(3), 209–249. <https://doi.org/10.3322/caac.21660>
- Swiderski, K., Chan, A. S., Herold, M. J., Kueh, A. J., Chung, J. D., Hardee, J. P., Trieu, J., Chee, A., Naim, T., Gregorevic, P., & Lynch, G. S. (2024a). The BALB/c. *Mdx* 62 mouse exhibits a dystrophic muscle pathology and is a model of Duchenne muscular dystrophy. *Disease Models & Mechanisms*, 17(4), dmm050502. <https://doi.org/10.1242/dmm.050502>
- Swiderski, K., Chan, A. S., Herold, M. J., Kueh, A. J., Chung, J. D., Hardee, J. P., Trieu, J., Chee, A., Naim, T., Gregorevic, P., & Lynch, G. S. (2024b). The BALB/c. *Mdx* 62 mouse exhibits a dystrophic muscle pathology and is a model of Duchenne muscular dystrophy. *Disease Models & Mechanisms*, 17(4), dmm050502. <https://doi.org/10.1242/dmm.050502>
- Tian, Y.-Q., Liu, J., Cheng, P., Zou, J., Xu, H.-F., Shi, X.-H., Zhang, Y.-S., & Mei, L. (2024). Dual COX-2/5-LOX inhibitors from *Zanthoxylum simulans* inhibit gastric cancer cells by cross-mediating thyroid, estrogen, and oxytocin signaling pathways. *Frontiers in Chemistry*, 11, 1287570. <https://doi.org/10.3389/fchem.2023.1287570>
- Wei, Q., & Zhang, Y. (2024). Flavonoids with Anti-Angiogenesis Function in Cancer. *Molecules*, 29(7), 1570. <https://doi.org/10.3390/molecules29071570>
- Wojtkowska, A., Małek, A., Giziński, S., Sapieryński, R., Rodo, A., Sokołowska, J., Zabielska-Koczywąs, K. A., Wojtalewicz, A., Walewska, M., Kautz, E., Ostrzeszewicz, M., & Lechowski, R. (2024). Comparison of MMP-2, MMP-9, COX-2, and PGP Expression in Feline Injection-Site and Feline Noninjection-Site Sarcomas—Pilot Study. *Animals*, 14(14), 2110. <https://doi.org/10.3390/ani14142110>