

DAFTAR PUSTAKA

- Ahmad, I., dan Lestari, R. (2011). Isolasi Antioksidan Tumbuhan Sarang Semut (*Myrmecodia pendens* Merr dan Perry) Asal Papua. *Journal Of Tropical Pharmacy And Chemistry*. 1(3): 199–204.
- Ariani, S. (2015). *STOP! KANKER*. Yogyakarta: Istana Media.
- Aryanti, R., Perdana, F., dan Mahendra, R. A. (2021). Telaah Metode Pengujian Aktivitas Antioksidan pada Daun Teh Hijau (*Camellia sinensis* (L.) Kuntze). *Jurnal Surya Medika*. 7(1): 15-24.
- Cai, L., Qin, X., Xu, Z., Song, Y., Jiang, H., Wu, Y., Ruan, H., dan Chen, J. (2019). Comparison of Cytotoxicity Evaluation of Anticancer Drugs between Real-Time Cell Analysis and CCK-8 Method. *ACS Omega*. 4(7): 12036–12042.
- Carbone, A. (2020). Cancer Classification at the Crossroads. *Cancers*. 12(4): 1–6.
- Chaudhary, A., Sharma, S., Mittal, A., Gupta, S., dan Dua, A. (2020). Phytochemical and Antioxidant Profiling of *Ocimum sanctum*. *Journal of Food Science and Technology*. 57(10): 3852–3863.
- Čunderlíková, B., Vasovič, V., Sieber, F., Furre, T., Borgen, E., Nesland, J. M., dan Peng, Q. (2011). Hexaminolevulinic acid-mediated Photodynamic Purging of Marrow Grafts with Murine Breast Carcinoma. *Bone Marrow Transplantation*. 46(8): 1118–1127.
- Da'i, M., dan Sutrisna, E. (2021). *Kanker: Tinjauan Molekuler dan Kandidat Senyawa Antikanker*. Surakarta: Muhammadiyah University Press.
- Daneshforouz, A., Nazemi, S., Gholami, O., Kafami, M., dan Amin, B. (2021). The Cytotoxicity and Apoptotic Effects of Verbascoside on Breast Cancer 4T1 Cell Line. *BMC Pharmacology and Toxicology*. 22(1): 72.
- Erviana, L., Malik, A., dan Najib, A. (2016). Uji Aktivitas Antiradikal Bebas Ekstrak Etanol Daun Kemangi (*Ocimum Basilicum* L.) Dengan Menggunakan Metode DPPH. *Jurnal Fitofarmaka Indonesia*. 3(2): 164–168.
- Fristiody, A., Ningsih, M. B., dan Malik, F. (2020). Review Artikel: Peran Faktor Transkripsi Nuclear Factor Kappa-Light-Chain-Enhancer of Activated B Cells (NF-κB) Terhadap Sel Kanker Payudara. *Jurnal Mandala Pharmacon Indonesia*. 6(2): 81–90.
- Gao, Z.-G., Tian, L., Hu, J., Park, I.-S., dan Bae, Y. H. (2011). Prevention of Metastasis in a 4T1 Murine Breast Cancer Model by Doxorubicin Carried by Folate Conjugated pH Sensitive Polymeric Micelles. *Journal of Controlled Release*. 152(1): 84–89.

- Hanahan, D., dan Weinberg, R. A. (2011). Hallmarks of Cancer: The Next Generation. *Cell*. 144(5): 646–674.
- Hibino, S., Kawazoe, T., Kasahara, H., Itoh, S., Ishimoto, T., Sakata-Yanagimoto, M., dan Taniguchi, K. (2021). Inflammation-Induced Tumorigenesis and Metastasis. *International Journal of Molecular Sciences*. 22(11): 1-37.
- Hosseinzadeh, E., Banaee, N., dan Nedaie, H. A. (2017). Cancer and Treatment Modalities. *Current Cancer Therapy Reviews*. 13(1): 17-27.
- IARC. (2020). *Breast – Global Cancer Observatory*. <https://gco.iarc.fr/today/data/factsheets/cancers/20-Breast-fact-sheet.pdf>, Diakses pada Jumat, 4 November 2022 pukul 18.49 WIB.
- IARC. (2020). *Indonesia-Global Cancer Observatory*. <https://gco.iarc.fr/today/data/factsheets/populations/360-indonesia-factsheets.pdf>. Diakses pada Jumat, 4 November 2022 pukul 17.48 WIB
- Jin, H., & Varner, J. (2004). Integrins: Roles in Cancer Development and as Treatment Targets. *British journal of cancer*. 90(3): 561-565.
- Kaushal, N., Rao, S., Ghanghas, P., Abraham, S., George, T., D'souza, S., Mathew, J. M., Chavali, J., Swamy, M. K., dan Baliga, M. S. (2018). *Anticancer plants: Properties and Application*. Singapore: Springer Singapore.
- Kuang, J., Yan, X., Genders, A. J., Granata, C., dan Bishop, D. J. (2018). An Overview of Technical Considerations When Using Quantitative Real-Time PCR Analysis of Gene Expression in Human Exercise Research. *PLOS ONE*. 13(5): 1-27.
- Kustiati, U., Dewi Ratih, T. S., Dwi Aris Agung, N., Kusindarta, D. L., dan Wihadmadyatami, H. (2021). In Silico Molecular Docking and In Vitro Analysis of Ethanolic Extract *Ocimum Sanctum* Linn.: Inhibitory and Apoptotic Effects Against Non-Small Cell Lung Cancer. *Veterinary World*. 14(16): 3175–3187.
- Kustiati, U., Ergün, S., Karnati, S., Nugrahaningsih, D. A. A., Kusindarta, D. L., dan Wihadmadyatami, H. (2022). Ethanolic Extract of *Ocimum sanctum* Linn. Inhibits Cell Migration of Human Lung Adenocarcinoma Cells (A549) by Downregulation of Integrin $\alpha\beta3$, $\alpha5\beta1$, and VEGF. *Scientia Pharmaceutica*. 90(4): 69-79.
- Kwak, T., Sohn, E. J., Kim, S., Won, G., Choi, J.-U., Jeong, K., Jeong, M., Kwon, O. S., dan Kim, S.-H. (2014). Inhibitory Effect of Ethanol Extract of *Ocimum Sanctum* on Osteopontin Mediated Metastasis of NCI-H460 Non-Small Cell Lung Cancer Cells. *BMC Complementary and Alternative Medicine*. 14(1): 1-10.

- Larasati, A., Utama, M. S., dan Kusumadjati, A. (2022). Profile of Breast Cancer Patients with Radiotherapy in Hasan Sadikin Hospital Bandung. *Indonesian Journal of Cancer*. 16(3): 142-148.
- Liang, N., dan Kitts, D. (2014). Antioxidant Property of Coffee Components: Assessment of Methods that Define Mechanisms of Action. *Molecules*. 19(11): 19180–19208.
- Lin, K.-I., DiDonato, J. A., Hoffmann, A., Hardwick, J. M., dan Ratan, R. R. (1998). Suppression of Steady-state, but not Stimulus-induced NF- κ B Activity Inhibits Alphavirus-induced Apoptosis. *The Journal of Cell Biology*. 141(7): 1479-1487.
- Lodish, H., Berk, A., Kaiser, C., Krieger, M., Scott, M. P., Bretscher, A., dan Ploegh, H. (2008). *Molecular Cell Biology Fifth Edition*. New York: W. H. Freeman.
- Longe, J. L. (2005). *The Gale Encyclopedia of Cancer: A Guide to Cancer and Its Treatments Second Edition*. Detroit: Thomson/Gale.
- Molyneux, P. (2004). *The Use of The Stable Free Radical Diphenylpicryl- Hydrazyl (DPPH) for Estimating Antioxidant Activity*. 26(2): 211-219.
- O'Donnell-Tormey, J., dan Tontonoz, M. (2016). *Cancer and The Immune System: The Vital Connection*. New York: Cancer Research Institute.
- Panche, A. N., Diwan, A. D., dan Chandra, S. R. (2016). Flavonoids: An overview. *Journal of Nutritional Science*. 5(47): 1-15.
- Pasqualini, J. R. (2008). *Breast cancer: Prognosis, treatment, and prevention (2nd ed)*. New York: Informa Healthcare.
- Patricia, H.R. (2012). *Polymerase Chain Reaction*. London: InTech Open.
- Phongpaichit, S., Nikom, J., Rungjindamai, N., Sakayaroj, J., Hutadilok-Towatana, N., Rukachaisirikul, V., dan Kirtikara, K. (2007). Biological Activities of Extracts From Endophytic Fungi Isolated from *Garcinia* Plants: Biological Activities of Extracts From Endophytic Fungi. *FEMS Immunology dan Medical Microbiology*. 51(3), 517–525.
- Polovich, M., Olsen, M., dan LeFebvre, K. (2014). *Chemotherapy and Biotherapy Guidelines and Recommendations for Practice 4th Edition*. Pennsylvania: The Oncology Nursing Society.
- Pulaski, B. A., dan Ostrand-Rosenberg, S. (2000). Mouse 4T1 Breast Tumor Model. *Current Protocols in Immunology*. 39(1): 1-16.

- Purwanti, L., Dasuki, U. A., dan Imawan, A. R. (2019). Perbandingan Aktivitas Antioksidan dari Seduhan 3 Merk Teh Hitam (*Camellia Sinensis* (L.) Kuntze) dengan Metode Seduhan Berdasarkan SNI 01-1902-1995. *Jurnal Ilmiah Farmasi Farmasyifa*. 2(1): 19–25.
- Qodria, L., dan Nurrachma, M. Y. (2020). Pemilihan Sel yang Tepat Untuk Penelitian Kanker Payudara. *BioTrends*. 11(2): 17–28.
- Rajendra, R., Marian, H. J., Thomas, S., dan Kalarikkal, N. (2022). *Book of Research on Nano-Drug Delivery and Tissue Engineering, Guide to Strengthening Healthcare System*. Boca Raton: CRC Press.
- Rana, M., Sayeed, A., Nasrin, M. S., Rahman, M., dan Alam, M. F. (2015). Free Radical Scavenging Potential And Phytochemical Analysis Of Leaf Extract From *Ocimum Sanctum* Linn. *Journal of Agricultural Technology*. 11(7): 1615-1623.
- Rindhe, P. S. (2018). In-Vitro Antioxidant Activity of *Ocimum Sanctum* Linn. *International Journal of Technical Research and Applications*. 6(3): 47-54.
- Sarkar, D. K., Jana, D., Patil, P. S., Chaudhari, K. S., Chattopadhyay, B. K., Chikkala, B. R., Mandal, S., dan Chowdhary, P. (2013). Role of NF- κ B as a Prognostic Marker in Breast Cancer: A Pilot Study in Indian Patients. *Indian Journal of Surgical Oncology*. 4(3): 242–247.
- Schmittgen, T. D., dan Livak, K. J. (2008). Analyzing Real-Time PCR Data by The Comparative CT Method. *Nature Protocols*. 3(6): 1101–1108.
- Schwab, M. (2011). *Encyclopedia of Cancer*. Berlin: Springer Berlin Heidelberg.
- Shishodia, S., dan Aggarwal, B. B. (2002). Nuclear Factor- κ B Activation: A Question of Life or Death. *BMB Reports*. 35(1): 28–40.
- Soni, A., dan Sosa, S. (2013). Phytochemical Analysis and Free Radical Scavenging Potential of Herbal and Medicinal Plant Extracts. *Journal of Pharmacognosy and Phytochemistry*. 2(4): 22–29.
- Sun, Y.-S., Zhao, Z., Yang, Z.-N., Xu, F., Lu, H.-J., Zhu, Z.-Y., Shi, W., Jiang, J., Yao, P.-P., dan Zhu, H.-P. (2017). Risk Factors and Preventions of Breast Cancer. *International Journal of Biological Sciences*. 13(11): 1387–1397.
- Tao, K., Fang, M., Alroy, J., dan Sahagian, G. G. (2008). Imagable 4T1 Model for The Study of Late Stage Breast Cancer. *BMC Cancer*. 8(1): 1-20.
- Tewari, G., Tewari, A., Tewari, L. M., dan Pande, C. (2020). *Natural Products and Their Utilization Pattern*. Hauppauge: Nova Science Publishers, Inc.

- Usreg, H. S. U., Husein, A., dan Fahmi, Ph.D, M. Z. (2019). Uji Sitotoksik Terhadap Sintesis dan Karakterisasi Magnetik Nanopartikel CuFe_2O_4 Yang Dilingkupi Bovine Serum Albumin (BSA). *Jurnal Kimia Riset*. 4(1): 7-17.
- Waks, A. G., dan Winer, E. P. (2019). Breast Cancer Treatment: A Review. *JAMA*. 321(3): 288-300.
- Wang, W., Nag, S., dan Zhang, R. (2014). Targeting the NF-kB Signaling Pathways for Breast Cancer Prevention and Therapy. *Current Medicinal Chemistry*. 22(2): 264–289.
- Xiao, F., Xu, T., Lu, B., dan Liu, R. (2020). Guidelines for Antioxidant Assays for Food Components. *Food Frontiers*. 1(1): 60–69.
- Zwolak, P., Jasinski, P., Terai, K., Gallus, N. J., Ericson, M. E., Clohisy, D. R., dan Dudek, A. Z. (2008). Addition OF Receptor Tyrosine Kinase Inhibitor To Radiation Increases Tumour Control In An Orthotopic Murine Model of Breast Cancer Metastasis in Bone. *European Journal of Cancer*. 44(16): 2506–2517.